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UNITED STATES DEPARTMENT OF AGRICULTURE •
Agricultural Research Service
Plant Quarantine Division
Federal Center Building
Hyattsville, Maryland 20781

LIST OF INTERCEPTED PLANT PESTS, 1964

(Pests Recorded From July 1, 1963, Through June 30, 1964)

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INTRODUCTION

This report of the 51st year of plant quarantine work in the United States summarizes records of plant pests found in, on, or with plants, plant products, and carriers (1) imported into or entering the United States or the offshore possessions, (2) offered for entry but refused, (3) in quarters or stores of planes and ships, (4) offered for entry for immediate transportation and exportation in bond, (5) in domestic shipments to the mainland from the States of Alaska and Hawaii, the American Virgin Islands, the Commonwealth of Puerto Rico, Guam, and other possessions, or (6) in preclearance inspection in the Bahamas and Bermuda.

The pests listed include insects, mites, snails, bacteria, fungi, nematodes, and viruses of known or potential plant quarantine significance to the United States or of scientific interest. Some common organisms are included if they are new to the country of origin or the host plant.

The list includes identifications received during the fiscal year 1964 and reports some interceptions made during previous years that were determined this year. Most insect and mite identifications are made by specialists of the Entomology Research Division and the Plant Quarantine Division (U.S. Department of Agriculture) and the Department of Entomology of the U.S. National Museum (Smithsonian Institution). However, many pests intercepted in California are identified by collaborating State officials. Snail identifications are now made by personnel of the Plant Quarantine Division except for urgent material which is determined by the Division of Mollusks, Smithsonian Institution. Disease and nematode identifications are made largely by personnel of the Plant Quarantine Division and the Crops Research Division. Many host plants have been identified by workers in the Department of Botany, Smithsonian Institution.

Scientific names of insects and diseases are reviewed by specialists of the Plant Quarantine Division who assist in compiling the list. Nematode names are checked in Nematology Investigations and host names are reviewed in the New Crops Research Branch. Common names of host plants are those shown in Standardized Plant Names. Every effort is made to conform to the International Rules of Nomenclature. Family names are shown with the insects in the tabulation and orders are given in the host list. Classes of diseases are shown in the disease host list.

NOTES ON PESTS INTERCEPTED

The total number of interceptions submitted during the fiscal year 1964 was 35,276, as compared with 31,439 the previous year. This does not include certain common pests which are widespread in this country and are no longer recorded. This year the list has been cut drastically to omit many pests previously included that are now considered to be of little or no plant quarantine significance. Of the total identified during the year, 6,564 were considered important enough to be reported. That figure does not include incompletely determined pests, of which 4,334 were indexed for the files but were not added to the total in the tabulation this year.

Interceptions arriving by air totaled 11,390, of which 8,750 were insects, mites, or snails and 2,640 were diseases or nematodes. Among the important pests arriving by air were 34 interceptions of the European cherry fruit fly, 154 of the Mediterranean fruit fly, 33 of the Mexican fruit fly, 75 of the olive fly, 30 of the oriental fruit fly, 41 of the pink bollworm, 164 of the West Indian fruit fly, 235 of the yanone scale, 169 of the black spot of citrus, 180 of citrus canker, 169 of the sweet orange scab, and 25 of the golden nematode.

FRUIT FLIES

There were 993 fruit fly interceptions identified to species as follows:

Acanthiophilus eluta(?)(once) in thistle stem in cargo from Greece.

Anastrepha ludens, the Mexican fruit fly, was intercepted 334 times from Mexico and once from Guatemala. Hosts were apple, grapefruit, lime, Mandarin orange, mango, peach, pear, pomegranate, quince, sour orange, sweet orange, and white sapote.

Anastrepha mombinpraeoptans, the West Indian fruit fly (248 times), as an adult in the cargo hold of an airplane and larvae in cherimoya, common cashew, guava, jambolan, mango, sapote, tropical almond, and yellow mombin. Countries of origin were the American Virgin Islands, Brazil, British Honduras, Costa Rica, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Martinique, Mexico, Nicaragua, and Puerto Rico. A. mombinpraeoptans(?) (once) in mango in air baggage from Venezuela.

Anastrepha serpentina (3 times) in cainito star-apple in air baggage from Nicaragua and quince in air baggage from Peru.

Anastrepha striata (twice) in guava in air baggage from Guatemala and Nicaragua.

Anastrepha suspensa (once) in rose-apple in air baggage from Puerto Rico.

Carpomyia incompleta (once) in Zizyphus sp. in air baggage from the United Arab Republic (Egypt).

Ceratitis capitata, the Mediterranean fruit fly (211 times), in Annona sp. fruit, apple, Arabian coffee berry, fig, grapefruit, guava, Indiapoon beauty-leaf fruit, kumquat, lemon, Mandarin orange, mango, medlar, papaya, passionfruit, peach, pear, pepper, persimmon, plum, pomegranate, pricklypear, Prunus sp., pummelo, service tree mountain-ash fruit, sweet orange, Synsepalum dulcificum, and tropical almond. Countries of origin were: Angola, Argentina, Azores, Brazil, Canary Islands, Costa Rica, Europe (country(?)), France, Greece, Hawaii, Israel, Italy, Lebanon, Libya, Morocco, Nicaragua, Peru, Portugal, Republic of Congo, Republic of South Africa, Spain, Syria, United Arab Republic, and an unknown origin. C. capitata(?)(12 times) in dracena berry, grapefruit, loquat, Mandarin orange, pepper, sweet orange, and tomato from Angola, Brazil, Greece, Hawaii, Italy, Morocco, Spain, and an unknown origin.

Ceratitis colae(?)(twice) in Sudan colanut pod in air baggage from Nigeria.

Dacus cucurbitae, the melon fly (6 times), in agati sesbania flower in air baggage from Hawaii; cucumber seed in mail from Nepal; tomato in air baggage and stores and winter squash in air baggage from Hawaii. D. cucurbitae(?)(3 times) in cucumber in stores from Hawaii.

Dacus dorsalis, the oriental fruit fly (40 times), in Annona sp. fruit, apricot, Averrhoa sp. fruit, avocado, banana, dwarf banana, guava, mail bag and parcel, mango, papaya, passionfruit, purple granadilla, sapote, and tropical almond. Countries of origin were Hawaii, Malaysia, Philippines, and Viet-Nam. D. dorsalis(?)(3 times) in mango in air baggage from Hawaii.

Dacus oleae, the olive fly (84 times), in olive from France, Israel, Italy, Lebanon, Portugal, and Spain.

Euleia heraclei(?)(5 times) in celery in stores from France and the Netherlands and parsley in air stores from France.

Phagocarpus permundus(?)(once) in cotoneaster berry in air baggage from England.

Rhagoletis cerasi, the European cherry fruit fly (34 times) in cherry and sour cherry and loose in air baggage from Europe (country(?)), France, Germany, Hungary, Italy, Poland, and Switzerland.

INSECTS OTHER THAN FRUIT FLIES

Other insects of particular interest were:

Aleurocanthus woglumi (Aleyrodidae), the citrus blackfly (24 times), on Citrus sp. leaf in air baggage from Colombia, Costa Rica, Nicaragua, and an unknown origin, airmail from Nicaragua, and baggage from Mexico; on grapefruit leaf in air baggage from Nicaragua and baggage from Mexico; and on lime leaf in air baggage from Panama and cargo from Mexico.

Amphimallon solstitialis (Scarabaeidae) in cargo hold of airplane from Germany.

Blissus diplopterus (Lygaeidae) on peach in cargo from the Republic of South Africa.

Cladius pectinicornis (Tenthredinidae) on cut roses in air baggage from Ireland and Poland.
Cylas puncticollis (Curculionidae) in sweet potato in cargo and stores from Sierra Leone.
Dichocrocis punctiferalis (Pyraustidae) in 5-needle pine in baggage and cargo from Japan.
Epiphyas postvittana (Tortricidae)(5 times) in apple in cargo from New Zealand.
Epinotia aporema (Olethreutidae) in string bean in stores from Chile.
Eurydema ornatum (Pentatomidae) with cargo of cased church fixtures from Greece, with a roll of cable in air cargo from Turkey, and with pomegranate in air baggage from Italy.
Laspeyresia strobiliella (Olethreutidae) in spruce cone in cargo from Italy.
Matsumuraeses phaseoli (Olethreutidae)(9 times) in green string bean and dry bean in stores from Japan.
Melolontha melolontha (Scarabaeidae) with air baggage and in cargo hold of airplane from France.
Oulema gallaeciana (Chrysomelidae) on cabbage in stores from France.
Oxycarenus hyalinipennis (Lygaeidae) with peach in cargo from the Republic of South Africa and with seed cotton in mail from India.
Perkinsiella saccharicida (Delphacidae) on bell flambeau-tree flower in air baggage from Hawaii.
Prodenia litura (Noctuidae) in airplane from Okinawa, an unknown origin, and Wake Island.
Reticulitermes speratus (Rhinotermitidae) in cycad plant in baggage from Japan.
Sesamia cretica (Noctuidae), the durra stem borer, in broom corn in cargo from Greece.
Taeniothrips eucharii (Thripidae)(8 times) in autumn lycoris and Lycoris sp. bulbs in cargo and shorttube lycoris in stores from Japan.
Tetranychus viennensis (Tetranychidae)(9 times) on apple in air baggage from Japan, Korea, and the Union of Soviet Socialist Republics, in air stores and stores from Japan and Spain, and in mail from Korea.
Trogoderma granarium (Dermestidae), the khapra beetle (368 times), with almond, anatto-tree seed, baggage, bagging, bean, black pepper, in cargo hold of ship, with cacao bean, celery seed, chestnut, chickpea, cinnamon bark, coffee, common cassava, coriander seed, corn, cottonseed and raw cotton, Cucumis sp. seed, cumin seed, debris, dried pea, fennel seed, general cargo, guar gum, gum arabic, gum hashabi, gum kordofan, gum karaya, gum tragacanth, lentil, miscellaneous dry food, myrabolan nut, peanut, pigeonpea, pistache nut, psyllium husk, rice, stores and in storeroom, and tamarind seed powder. Countries of origin of the hosts were Burma, Ceylon, Cyprus, Formosa, Ghana, Guinea, Hong Kong, India, Indonesia, Iran, Iraq, Ivory Coast, Japan, Korea, Lebanon, Malaysia, Mexico, Netherlands, Nigeria, Pakistan, Seychelles, Sudan, Syria, Thailand, United Arab Republic, and an unknown origin.

SNAILS

The following snails are of special interest:

Achatina fulica, the giant African snail (7 times), with baggage and galangal flowers from Hawaii, with cargo from Guam, in soil with airplane from Viet-Nam, and with Zoysia sp. turf from the Philippines.

Cochlicella barbara (29 times) with automobile, miscellaneous cargo, Japanese hop seed, lima bean seed, and in soil with cargo from Crete, France, Germany, Greece, Italy, Morocco, Netherlands, Spain, Turkey, and the United Arab Republic.

Cochlicella conoidea (5 times) with automobile and miscellaneous cargo from Greece(?) and Morocco.

Helicella caperata, H. conspurcata, H. cretica, H. derbentina, H. explanata, H. itala, H. maritima, H. protea, H. pyramidata, H. trochoides, H. variabilis, and H. virgata were intercepted a total of 104 times with airplane, apple, asparagus, automobile, baggage, broadbean, cabbage, miscellaneous cargo, carnation, geranium, grapefruit, herb, laburnum, lettuce, mint plants, seed of boxwood, goldwreath acacia, Japanese hop, sweetpea, and vetch, soil with cactus, gardenia, honeysuckle, jasmine, and unidentified plants, soil with hyacinth bulb and cargo, straw, and vetch. Countries of origin were the Azores, Crete, France, Germany, Greece, Israel, Italy, Lebanon, Libya, Netherlands, Portugal, Spain, Turkey, and an unknown origin.

Monacha cantiana with cargo from France.

Monacha carthusiana (14 times) with miscellaneous cargo and grass peavine beans; seed of boxwood, common smoketree, Italian clematis, and shrub-althea; and soil with hyacinth bulb, roll of cable wire, and unidentified plants. Countries of origin were England, Greece, Italy, Liberia, and an unknown origin.

Monacha olivieri with cargo from Turkey.

Theba pisana, the Mediterranean land snail (57 times), with automobile, baggage, miscellaneous cargo, seed of cedar, hollyhock, and nasturtium, and in soil with hyacinth bulb. Countries of origin were the Azores, France, Greece, Italy, Libya, Morocco, Spain, Turkey, United Arab Republic, and an unknown origin.

Theba virgata with cargo from Italy.

DISEASES

Elsinoe australis, the sweet orange scab, was intercepted 355 times; 172 from Brazil, 132 from Argentina, 24 from an unknown origin, 15 from South America (country(?)), 10 from Uruguay, and 2 from Paraguay. Hosts were Citrus hybrid, grapefruit, lemon, lime, Mandarin orange, sweet orange, and tanger.

Guignardia citricarpa (Phoma stage), the black spot of citrus, was intercepted 561 times; 265 from the Republic of South Africa, 92 from Hong Kong, 65 from Japan, 33 from Australia, 31 from an unknown origin, 30 from Formosa, 20 from China, 4 each from Mozambique and Thailand, 3 from Viet-Nam, 2 each from Africa (country(?)), Brazil, Korea, Philippines, and South America (country(?)), and 1 each from Argentina, India, Okinawa, and Tahiti(?). Hosts were Citrus reticulata cv., Citrus sp., grapefruit, lemon, lime, Mandarin orange, pummelo, sour orange, sweet orange, and tanger.

Xanthomonas citri, citrus canker, was intercepted 339 times; 159 from Japan, 111 from India, 19 from Formosa, 16 from Hong Kong, 8 from an unknown origin, 5 each from China and Thailand, 4 from Afghanistan, 3 from the Philippines, 2 from Viet-Nam, and 1 each from Indonesia, Laos, Macao, Malaysia, Okinawa, Pakistan(?), and Pitcairn Island(?). Hosts were Citrus hybrid, Citrus sp., grapefruit, ichang bitter orange, lemon, lime, Mandarin orange, pummelo, sour orange, sweet orange, and tangelo.

Xanthomonas sp. (Cancrosis B) was intercepted 11 times; 10 from Argentina and 1 from Brazil. Hosts were lemon and sour orange.

Other diseases of special interest were:

Bagnisiopsis chamaedoreae on chamaedorea palm frond in air cargo and plant in baggage from Mexico.

Coryneum sorbi on European mountain-ash leaf in air baggage from Scotland.

Graphiola borassi on palm leaf and palmyra palm stalk in cargo from India.

Marssonina daphnes on February daphne seed in mail from Italy.

Phoma tuberosa on potato in stores from Japan.

Phyllachora cynodontis on Bermuda grass plant in airmail from Formosa and Kenya and on dogtooth grass stolon in airmail from Zambia (Northern Rhodesia).

Phyllosticta buxina on boxwood in air quarters from England.

Phyllostictina ilicicola on holly leaf in air baggage from Italy.

Puccinia leonotidicola on Leonotis nepetaefolia leaf in baggage from Mexico.

Sphacelotheca digitariae on crabgrass packing in air cargo from Iran.

Thecaphora solani on Solanum stoloniferum tuber and on an unidentified potato tuber in baggage from Mexico.

Thecopsora areolata on Norway spruce cone in cargo from Austria.

Urocystis oxalidis on Oxalis tuberosa tuber in air baggage from Bolivia.

Uromyces muscari on hyacinth bulb in mail from Bulgaria.

NEMATODES

Of particular interest among the nematode interceptions were:

Aphelenchoides saprophilus (first interception) in tree peony in cargo from Japan.

Helicotylenchus microlobus (first interception) in soil with mint plant in baggage from Mexico.

Heterodera avenae, the oat nematode, in soil with automobile, engineering equipment, and used farm tractor in cargo from Belgium, England, Europe (country(?)), and Germany; soil with bamboo shoot in baggage and garlic bulb in cargo from Italy; soil with hydrangea plant in air quarters from England, rose plant in mail from Germany, and unidentified plant in air baggage from Germany and baggage from Italy; and soil with potatoes in stores from England and taro in stores from Japan.

Heterodera fici in soil with fig plant in air baggage from Chile and baggage from Venezuela.

Heterodera humuli in soil with hop root and Japanese fleecyflower plant in mail from Germany and with used farm tractor in cargo from England.

Heterodera rostochiensis, the golden nematode (71 times), from the Azores, Belgium, Denmark, England, Europe (country(?)), France, Germany, Ireland, Netherlands, Peru, Poland, Scotland, Spain, and an unknown origin. Hosts were soil sample, soil with automobile, engineering equipment, miscellaneous cargo, and used farm tractor, soil with various flower plants, and soil with vegetables in baggage, cargo, and stores.

Rootknot nematodes, Meloidogyne arenaria (first time from the Philippines), M. hapla, M. incognita acrita (first time from the Ivory Coast, Peru, and Surinam) M. incognita incognita, and M. javanica javanica, were intercepted a total of 42 times in roots of various plants.

Pratylenchus penetrans in iris rhizome in air baggage from Japan.

Tylenchorhynchus brevidens in soil with olive plant in air cargo from Jordan.

Tylenchorhynchus crassicaudatus in bamboo root in air baggage from Japan and jasmine root in air baggage from the Philippines.

Tylenchorhynchus dubius in soil with engineering equipment in cargo from Belgium.

SUMMARY OF NUMBERS OF INTERCEPTIONS LISTED

Country	Insect	Disease	Country	Insect	Disease
AFRICA:			AUSTRALASIA--Continued		
Africa (country(?))	3	2	Hawaii	421	22
Algeria	1	0	Kwajalein	2	0
Angola	3	0	Marianas Islands	1	0
Canary Islands	2	0	New Caledonia	0	1
Cape Verde Islands	10	0	New Guinea	0	1
Ghana	4	0	New Zealand	7	10
Guinea	1	0	Norfolk Island	0	4
Ivory Coast	15	1	Okinawa	19	2
Kenya	1	2	Okinawa(?)	2	0
Liberia	3	0	Philippines	32	15
Libya	12	0	Pitcairn Island(?)	0	1
Morocco	51	0	Southwest Pacific	1	0
Mozambique	0	4	Tahiti	26	2
Nigeria	4	0	Tahiti(?)	0	1
Republic of Congo (French Congo)	2	0	Wake Island	3	0
Republic of South Africa	10	284	West Pacific	2	0
Republic of the Congo (Belgian Congo)	10	0	EUROPE:		
Rhodesia (Southern Rhodesia)	0	1	Albania	1	0
Seychelles	1	0	Austria	4	3
Sierra Leone	2	0	Azores	20	2
Sudan	41	0	Belgium	7	6
United Arab Republic (Egypt)	15	0	Belgium(?)	0	1
Zambia (Northern Rhodesia)	0	1	Bulgaria	0	3
ASIA:			Crete	5	0
Afghanistan	0	5	Czechoslovakia	3	0
Burma	1	0	Denmark	10	2
Ceylon	4	0	England	74	135
China	0	25	Europe (country(?))	34	8
China(?)	0	1	Finland	1	2
Cyprus	1	0	France	72	19
Formosa	25	52	Germany (West)	41	38
Hong Kong	10	110	Germany(?)	2	0
India	149	128	Greece	84	1
Indonesia	4	5	Greece(?)	1	0
Indonesia(?)	1	0	Hungary	8	1
Iran	17	1	Ireland	16	24
Iraq	7	0	Ireland(?)	1	0
Israel	10	2	Italy	458	31
Israel(?)	1	0	Italy(?)	2	0
Japan	564	684	Netherlands	30	16
Jordan	0	1	Norway	6	4
Korea	4	6	Poland	22	4
Laos	0	1	Portugal	29	3
Lebanon	15	1	Scotland	17	7
Macao	0	1	Spain	58	11
Malaysia	20	1	Sweden	6	1
Nepal	1	0	Switzerland	11	18
Pakistan	20	0	Union of Soviet Socialist Republics		
Pakistan(?)	0	1	Yugoslavia	7	1
Saudi Arabia	0	1	NORTH AMERICA:		
Syria	14	0	Bermuda	5	0
Thailand	11	11	Canada	1	2
Thailand(?)	1	0	Canada(?)	1	0
Turkey	28	0	Central America:		
Viet-Nam	5	9	British Honduras	6	2
AUSTRALASIA:			Canal Zone	12	3
American Samoa	5	2	Costa Rica	22	12
Australia	11	48	El Salvador	35	4
Australia(?)	1	0	Guatemala	48	37
Canton Island	1	0	Honduras	12	8
Fiji	45	1	Nicaragua	33	1
Guam	7	1	Panama	33	11

Country	Insect	Disease	Country	Insect	Disease
NORTH AMERICA--Continued			SOUTH AMERICA--Continued		
Iceland.....	1	0	Brazil.....	66	179
Mexico.....	566	79	British Guiana.....	1	0
West Indies:			Chile.....	5	4
American Virgin Islands....	3	0	Colombia.....	24	16
Anguilla.....	2	0	Ecuador.....	42	2
Antigua.....	2	0	Paraguay.....	0	2
Aruba.....	1	0	Peru.....	20	10
Bahamas.....	10	4	South America (country(?))..	1	17
Bahamas(?).....	1	0	Surinam.....	3	3
Barbados.....	2	0	Uruguay.....	0	10
British West Indies			Venezuela.....	7	1
(island(?)).....	1	0	Venezuela(?).....	2	0
Cayman Islands.....	0	1			
Cuba.....	2	0	TOTALS:		
Dominica.....	1	1	AFRICA.....	191	295
Dominican Republic.....	106	6	ASIA.....	913	1,046
Dominican Republic(?).....	1	0	AUSTRALASIA.....	586	111
Grenada.....	1	0	EUROPE.....	1,031	341
Haiti.....	24	3	NORTH AMERICA.....	1,031	201
Jamaica.....	69	22	SOUTH AMERICA.....	178	391
Martinique.....	1	0	UNKNOWN.....	182	67
Nevis.....	2	0			
Puerto Rico.....	16	2	Total insect interceptions....	4,112	.....
Trinidad.....	11	3	Total disease interceptions...	.....	2,452
SOUTH AMERICA:			GRAND TOTAL.....	.....	6,564
Argentina.....	7	146			
Bolivia.....	0	1			

CHANGES IN NOMENCLATURE

For reference purposes the following list represents name changes which have occurred in recent years.

Insects and Mites:

Aeneolamia varia ssp. saccharina (Dist.) - (= Tomaspsis saccharina (Dist.))
Aphididae - (Family name for aphids; formerly Aphidae)
Cadra calidella (Guen.) - (= Ephestia calidella (Guen.))
Chrysodeixis chalcites (Esper) - (= Plusia chalcites (Esper))
Conibosa occidentis (Wlk.) - (= Tibicen occidentis (Wlk.))
Cyrtionota tristigma (Boh.) - (= Stolas tristigma (Boh.))
Elasmolomus v-album (Stal) - (= Aphanus v-album (Stal))
Epiphyas postvittana (Wlk.) - (= Austrotortrix postvittana (Wlk.); = Tortrix postvittana (Wlk.))
Pagiocerus frontalis (F.) - (= P. fiorii (Eggers))
Tydeus kochi Oud. - (= T. croceus (L.))

Diseases:

Aphysa senniana (Sacc.) Doidge - (Syn.: Phaeosphaerella senniana Sacc.)
Ascochyta cynarae Maffei - (Syn.: A. hortorum var. compositarum Malencon.)
Neovossia horrida (Tak.) Padw. & A. Khan - (Syn.: Tilletia horrida Tak.)
Puccinia calcitrapae DC. - (Syn.: P. cirsii Lasch.)

Hosts:

Sorghum dochna var. technicum (broomcorn) - (Formerly S. vulgare var. technicum)

Nematodes:

Meloidogyne incognita incognita (Kofoid & White, 1919) Chitwood, 1949 - (Formerly M. incognita)
M. javanica javanica (Treub, 1885) Chitwood, 1949 - (Formerly M. javanica)

Correction: Uromyces viciae-fabae is the right spelling; U. vicia-fabae was used last year.

PLANT QUARANTINE DIVISION

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN -
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Acanthiophilus eluta</u> (Mg.)(?)(Tephritidae):					
<u>Cirsium</u> sp. (thistle) stem.....	Greece	1	.....	.....	N. C.
<u>Acanthoderes circumflexa</u> (Duval) (Cerambycidae):					
<u>Cucumis sativus</u> (cucumber).....	Honduras	1	.....	.....	Fla.
<u>Acanthoscelides armitagei</u> (Pic)(Bruchidae):					
<u>Cajanus cajan</u> (pigeonpea).....	Canal Zone, Panama, Trinidad.	6	.....	.....	Fla., N. Y.
Seed--unidentified.....	Canal Zone.....	.....	.....	1	Fla.
<u>Achaea janata</u> (L.)(Noctuidae):					
<u>Anthurium</u> sp. (flower)	Hawaii.....	1	.....	.....	Hawaii.
<u>Achatina fulica</u> Bowdich (Achatinidae):					
<u>Alpinia purpurata</u> (flower).....	... do.....	1	.....	.....	Hawaii.
Baggage.....	... do.....	3	.....	.....	Calif., Hawaii.
Cargo.....	Guam.....	1	.....	.....	Oreg.
Soil with airplane	Viet-Nam.....	1	.....	.....	Hawaii.
<u>Zoysia</u> sp. (turf).....	Philippines.....	.....	.....	1	Hawaii.
<u>Acrago coa</u> Schaus (Dalceraeidae):					
<u>Coffea</u> sp. (coffee) leaf	Costa Rica.....	1	.....	.....	La.
<u>Acrolepia assectella</u> (Zell.)(Yponomeutidae):					
<u>Allium porrum</u> (leek).....	France, Germany, Italy, Japan, Netherlands.	.....	13	.....	N. C., N. Y., Pa., S. C., Wash.
<u>Acrosternum millieri</u> (M. & R.)(Pentatomidae):					
<u>Pistacia</u> sp. (pistache) fresh nut and leaf ...	Greece	1	.....	.....	N. Y.
<u>Adoretus sinicus</u> Burm. (Scarabaeidae):					
Airplane	Japan.....	1	.....	.....	Hawaii.
<u>Alpinia purpurata</u> (leaf).....	Hawaii.....	1	.....	.....	Hawaii.
<u>Anthurium</u> sp. (leaf).....	... do.....	1	.....	.....	Hawaii.
Baggage.....	... do.....	1	.....	.....	Calif.
<u>Cocos nucifera</u> (coconut).....	... do.....	1	.....	.....	Hawaii.
Vegetable	... do.....	1	.....	.....	Hawaii.
<u>Aeoloderma agnatus</u> (Candeze)(Elateridae):					
Fern.....	Japan.....	.....	.....	1	Wash.
<u>Aeneolamia varia</u> ssp. <u>saccharina</u> (Dist.) (Cercopidae):					
Cargo (with tropical fish)	Trinidad.....	1	.....	.....	Fla.
<u>Aethus indicus</u> (Westw.)(Cydnidae):					
Airplane	Okinawa(?).....	1	.....	.....	Hawaii.
<u>Agrotis repleta</u> Wlk. (Noctuidae):					
Airplane	Colombia, Venezuela.	1	1	.....	Fla.
<u>Agrotis subhyalina</u> Hmps. (Noctuidae):					
Airplane	Panama.....	.....	1	.....	Fla.
<u>Aleophagus myersi</u> Essig (Aphididae):					
<u>Aloe</u> sp.	Republic of South Africa.	.....	.....	1	Hawaii.
<u>Aleurocanthus woglumi</u> Ashby (Aleyrodidae):					
<u>Citrus aurantifolia</u> (lime) leaf	Mexico, Panama ..	14	.....	.....	Ariz., Fla., Tex.
<u>C. paradisi</u> (grapefruit) leaf.....	Mexico, Nicaragua	2	.....	.....	Fla., Tex.
<u>Citrus</u> sp. (leaf).....	Colombia, Costa Rica, Mexico, Nicaragua, unknown.	7	.....	1	Calif., Fla., Tex.
<u>Aleurodicus iridescens</u> Ckll. (Aleyrodidae):					
Aquatic plant	Peru .....	.....	.....	1	Fla.
<u>Aleurotrachelus jelinekii</u> (Frauen.) (Aleyrodidae):					
<u>Cornus asperifolia</u> (roughleaf dogwood) leaf.	Italy(?).....	.....	1	.....	N. Y.

PLANT QUARANTINE DIVISION

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Aleyrodes brassicae</u> Wlk. (Aleyrodidae):					
<u>Brassica oleracea</u> var. <u>capitata</u> (cabbage)...	Italy.....	.....	1	.....	N. Y.
<u>Alkindus atratus</u> Dist. (Corimelaenidae):					
Airplane	Panama.....	1	.....	.....	Fla.
<u>Amnestus bolivari</u> (Signoret)(Cydnidae):					
<u>Cucumis sativus</u> (cucumber).....	Mexico.....	1	.....	.....	Tex.
<u>Amphimallon solstitialis</u> L.(Scarabaeidae):					
Cargo.....	Germany.....	1	.....	.....	Del.
<u>Amyna punctum</u> (F.)(Noctuidae):					
Airplane	West Pacific.....	.....	1	.....	Hawaii.
<u>Anastrepha ludens</u> (Loew)(Tephritidae):					
<u>Casimiroa edulis</u> (white sapote).....	Mexico.....	2	.....	.....	Tex.
<u>Citrus aurantifolia</u> (lime).....	..do.....	22	.....	.....	Calif., Tex.
<u>C. aurantium</u> (sour orange).....	..do.....	3	.....	.....	Ariz., Calif., Tex.
<u>C. paradisi</u> (grapefruit).....	..do.....	18	3	.....	Ariz., Fla., Tex.
<u>C. reticulata</u> (Mandarin orange).....	..do.....	2	.....	.....	Tex.
<u>C. sinensis</u> (sweet orange).....	..do.....	163	35	.....	Ala., Ariz., Calif., Fla., La., Md., N. Y., Pa., Tex.
<u>Cydonia oblonga</u> (quince).....	..do.....	1	.....	.....	Tex.
<u>Malus sylvestris</u> (apple).....	..do.....	1	.....	.....	Tex.
<u>Mangifera indica</u> (mango).....	Guatemala, Mexico.	71	5	.....	Ariz., Calif., Fla., N. Y., Tex.
<u>Prunus persica</u> (peach).....	Mexico.....	5	.....	.....	Calif., Tex.
<u>Punica granatum</u> (pomegranate).....	..do.....	3	.....	.....	Calif., Tex.
<u>Pyrus communis</u> (pear).....	..do.....	1	.....	.....	Tex.
<u>Anastrepha mombinpraeoptans</u> Sein (Tephritidae):					
Airplane (cargo hold).....	Dominican Republic.	1	.....	.....	Fla.
<u>Anacardium occidentale</u> (common cashew)...	Nicaragua.....	1	.....	.....	Calif.
<u>Annona cherimola</u> (cherimoya).....	Mexico.....	1	.....	.....	Calif.
<u>Calocarpum sapota</u> (sapote).....	Guatemala.....	1	.....	.....	Calif.
<u>Eugenia cuminii</u> (jambolan).....	Mexico.....	1	.....	.....	Tex.
<u>Mangifera indica</u> (mango).....	American Virgin Islands, British Honduras, Costa Rica, Dominican Republic, El Salvador, Guatemala, Haiti, Honduras, Jamaica, Martinique, Mexico, Nicaragua, Puerto Rico.	190	15	.....	Ariz., Calif., Fla., Ga., La., Md., N. Y., Pa., P. R., Tex.
<u>Psidium guajava</u> (guava).....	Brazil, El Salvador, Guatemala, Nicaragua.	8	.....	.....	Calif.
<u>Spondias mombin</u> (yellow mombin).....	Costa Rica, El Salvador, Guatemala, Honduras, Nicaragua.	29	.....	.....	Calif., La.
<u>Terminalia catappa</u> (tropical almond).....	Jamaica.....	1	.....	.....	La.
<u>Anastrepha mombinpraeoptans</u> Sein(?) (Tephritidae):					
<u>Mangifera indica</u> (mango).....	Venezuela.....	1			N. Y.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Anastrepha serpentina</u> (Wied.)(Tephritidae):					
<u>Chrysophyllum cainito</u> (cainito star-apple) ..	Nicaragua.....	1			Calif.
<u>Cydonia oblonga</u> (quince).....	Peru.....	2			Calif.
<u>Anastrepha striata</u> (Schin.)(Tephritidae):					
<u>Psidium guajava</u> (guava)	Guatemala, Nicaragua.	2			Calif.
<u>Anastrepha suspensa</u> (Loew)(Tephritidae):					
<u>Eugenia jambos</u> (rose-apple).....	Puerto Rico.....	1			Fla.
<u>Anachastus flavovittatus</u> Champ. (Elateridae):					
Orchid.....	Guatemala, Mexico	1		1	Fla., Tex.
<u>Ancylostomia stercorea</u> (Zell.)(Phycitidae):					
<u>Cajanus cajan</u> (pigeonpea).....	Anguilla, Bahamas, Canal Zone, Dominican Republic, Ecuador, Haiti, Nevis, Panama, Puerto Rico.	23	4		Am. V.I., Bahamas, Fla., N. Y., P. R.
<u>Cicer arietinum</u> (chickpea).....	Panama.....	1			Fla.
<u>Anomala orientalis</u> Waterh. (Scarabaeidae):					
Airplane.....	Japan.....	1	1		Hawaii.
<u>Anua triphaenoides</u> (Wlk.)(Noctuidae):					
Airplane.....	Unknown.....	1			Hawaii.
<u>Aonidiella inornata</u> McKenzie (Coccidae):					
<u>Citrus aurantifolia</u> (lime).....	Hawaii.....	1	1		Calif., Oreg.
<u>Cocos nucifera</u> (coconut) cap	Philippines.....		2		Calif.
<u>Gomphrena globosa</u> (common globe-amaranth).	Guam.....	1			Hawaii.
<u>Jasminum</u> sp. (jasmine) stem	Hawaii.....	1			Hawaii.
Palm (leaf).....	Japan.....		1		Calif.
Piper betle (betle pepper).....	Marianas Islands..	1			Calif.
<u>Apate monachus</u> F. (Bostrichidae):					
<u>Khaya</u> sp. (mahogany) log	Africa (country(?)).	1			S. C.
<u>Aphanus rolandri</u> (L.)(Lygaeidae):					
Wood (crate).....	Morocco.....	1			Del.
<u>Aphidura pujoli</u> (Gomez-Menor)(Aphididae):					
<u>Dianthus</u> sp. (plant).....	Italy.....			1	N. Y.
<u>Aphis callunae</u> Theob. (Aphididae):					
<u>Calluna vulgaris</u> (heather).....	Scotland.....	1			N. Y.
<u>Araecorynus cumingi</u> Jekel (Anthribidae):					
Nut--unidentified.....	Hawaii.....	1			Wis.
Seed (string of beads).....	...do.....	1			Calif.
<u>Archimerus scutellaris</u> (Stal)(Coreidae):					
Orchid.....	Mexico.....			1	Tex.
<u>Ardis sulcata</u> (Cameron)(Tenthredinidae):					
<u>Rosa</u> sp. (rose).....	Germany, Hungary, unknown.	2	1		Ill., N. Y.
<u>Arge ochropus</u> (Gmel.)(Argidae):					
<u>Rosa</u> sp. (rose).....	Poland.....	1			N. Y.
<u>Argidia wedelina</u> (Cram.)(Noctuidae):					
Airplane.....	Unknown.....		1		Fla.
<u>Arianta arbustorum</u> (L.)(Helicidae):					
Cargo (conex box).....	France.....	2			N. Y., Va.
<u>Arocera protea</u> Dist. (Pentatomidae):					
Bromeliad.....	Guatemala.....	1			Fla.
Cargo.....	Colombia.....	1			Fla.
<u>Arotrophora arcuatalis</u> (Wlk.)(Tortricidae):					
<u>Banksia</u> sp. (dried foliage).....	Australia.....	2			Pa.
<u>Arugisa porrectalis</u> (Druce)(Noctuidae):					
Airplane.....	Costa Rica.....		1		Fla.

PLANT QUARANTINE DIVISION

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN --
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Asota lacteata</u> Btlr. (Hypsidae):					
Airplane	Okinawa .....	.....	1	.....	Hawaii.
<u>Aspidiotus cryptomeriae</u> Kuw. (Coccidae):					
Cephalotaxus sp. (plum-yew).....	Japan .....	.....	2	.....	Hawaii.
<u>Aspidiotus destructor</u> (Signoret)(Coccidae):					
Aglaonema sp. (stem)	Puerto Rico .....	.....	.....	1	Calif.
Areca cathecu (betel palm).....	Guam.....	1	.....	.....	Calif.
Cocos nucifera (coconut) cap	Costa Rica, Mexico, Philippines.	4	1	.....	Calif.
Musa sp. (banana).....	Ecuador	2	.....	.....	Calif.
Zingiber sp. (ginger).....	Guam.....	.....	.....	1	Calif.
<u>Aspidiotus excisus</u> Green (Coccidae):					
Cocos nucifera (coconut).....	El Salvador, Mexico.	1	1	.....	Calif.
Musa X paradisiaca (banana)	Ecuador	3	.....	.....	Calif.
<u>Aspidiotus herculeanus</u> Ckll. & Hadden (Coccidae):					
Plumeria rubra (Mexican frangipani).....	Hawaii.....	.....	.....	1	Hawaii.
Plumeria sp.	do.....	.....	.....	1	Calif.
Rhizophora sp. (mangrove).....	Mexico	1	.....	.....	Calif.
<u>Asterobemisia carpini</u> (Koch)(Aleyrodidae):					
Rubus sp. (raspberry).....	France .....	.....	1	.....	N. Y.
<u>Asterolecanium epidendri</u> (Bouché) (Asterolecaniidae):					
Dendrobium taurinum (orchid).....	Philippines.....	.....	.....	1	Hawaii.
<u>Asterolecanium pallidum</u> Russell (Asterolecaniidae):					
Orchid	do.....	.....	.....	1	Calif.
<u>Ataenius tenebrosus</u> Arrow (Scarabaeidae):					
Echinodorus sp. (burhead)	Peru .....	.....	.....	1	Fla.
<u>Athesapeuta cyperi</u> Mshl. (Curculionidae):					
Cibotium sp. (tree fern)	Hawaii.....	1	.....	.....	Hawaii.
<u>Aulacaspis tubercularis</u> Newst. (Coccidae):					
Mangifera indica (mango)	Mexico	1	.....	.....	Calif.
Persea americana (avocado).....	El Salvador.....	1	.....	.....	Calif.
<u>Azeta versicolor</u> (F.) (Noctuidae):					
Airplane	Colombia .....	.....	3	.....	Fla.
<u>Batrachedra linaria</u> Clarke (Cosmopterigidae):					
Agave shawii (succulent).....	Mexico .....	.....	.....	1	Calif.
<u>Bephrata maculicollis</u> Cam. (Eurytomidae):					
Annona muricata (soursop).....	Colombia, Mexico.	2	1	.....	Fla., La.
<u>Blenina lichenosa</u> Moore(?) (Noctuidae):					
Airplane	Thailand .....	.....	1	.....	Hawaii.
<u>Blissus diplopterus</u> Dist. (Lygaeidae):					
Prunus persica (peach)	Republic of South Africa.	2	.....	.....	N. Y.
<u>Brachycarenum tigrinus</u> (Schilling)(Rhopalidae):					
Vitis sp. (grape).....	Italy.....	1	.....	.....	N. Y.
<u>Brachycerus algeris</u> (F.) (Curculionidae):					
Allium sativum (garlic) bulb.....	do.....	1	.....	.....	N. Y.
<u>Bradybaena despecta</u> (Gray)(Bradybaenidae):					
Stores	Japan.....	.....	1	.....	N. C.
<u>Bradybaena similis</u> (Fer.) (Bradybaenidae):					
Alpinia purpurata (leaf).....	Hawaii.....	.....	.....	1	Hawaii.
Anthurium sp.	do.....	1	.....	.....	Hawaii.
Fern.....	Tahiti .....	.....	.....	1	Hawaii.
Orchid.....	Bahamas, Brazil, Hawaii.	1		2	Fla., Hawaii, N. J.
Soil with <u>Hoya</u> sp. (waxplant).....	Germany.....			1	Mass.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN -
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Bradybaena similaris</u> --Continued					
<u>Strelitzia reginae</u> (flower).....	Hawaii.....	1	.....	.....	Hawaii.
<u>Vanda</u> sp. (orchid) lei	...do.....	1	.....	.....	Ill.
<u>Brevipalpus chilensis</u> Baker (Tenuipalpidae):					
<u>Citrus limon</u> (lemon)	South America (country(?)).	.....	1	.....	Fla.
<u>Brevipalpus oncidii</u> Baker (Tenuipalpidae):					
Orchid.....	Colombia .....	.....	.....	1	Fla.
<u>Bruchidius cinerascens</u> (Gyll.)(Bruchidae):					
Airplane	Spain.....	.....	1	.....	N. J.
<u>Bruchidius debilis</u> (Gyll.)(Bruchidae):					
<u>Cytisus scoparius</u> (Scotch broom) seed	Austria, Italy.....	1	.....	1	N. J.
<u>Bruchidius meleagrinus</u> (Géné)(Bruchidae):					
<u>Vicia sativa</u> (vetch).....	Spain.....	1	.....	.....	Md.
<u>Bruchus azoricus</u> Crotch (Bruchidae):					
<u>Vicia sativa</u> (vetch).....	Azores .....	.....	.....	1	Mass.
<u>Bruchus diversipes</u> Lea (Bruchidae):					
<u>Banksia</u> sp. (dried foliage).....	Australia	1	.....	.....	Pa.
<u>Bruchus emarginatus</u> Allard (Bruchidae):					
<u>Cicer arietinum</u> (chickpea).....	India	1	.....	.....	N. Y.
<u>Lathyrus</u> sp. (peavine)	Italy.....	1	.....	.....	N. Y.
<u>Bruchus ervi</u> Froel. (Bruchidae):					
Baggage.....	...do.....	1	.....	.....	N. Y.
<u>Lens culinaris</u> (lentil)	Greece, Italy, Lebanon, Turkey.	8	3	.....	Mass., N. C., N. Y., Ohio, Tex.
<u>Phaseolus</u> sp. (bean) seed	Netherlands.....	.....	1	.....	La.
<u>Bruchus lentis</u> Froel. (Bruchidae):					
<u>Lens culinaris</u> (lentil)	Australia, Canada(?), France, Germany, Greece, Italy, Lebanon, Morocco, Nether- lands, Scotland, unknown.	11	10	2	Ala., Del., Mass., Md., Mich., N. C., N. J., N. Y., Pa., S. C., Tex.
<u>Phaseolus vulgaris</u> cv. (string bean)	Mexico.....	.....	1	.....	Md.
<u>Bruchus rufipes</u> Hbst. (Bruchidae):					
<u>Vicia sativa</u> (vetch) seed	Azores, France, Portugal, Spain.	6	.....	1	Ala., Del., Mass., N. J., N. Y.
<u>Bruchus rufipes luteicornis</u> Ill. (Bruchidae):					
<u>Vicia sativa</u> (vetch) pod.....	Portugal.....	1	.....	.....	N. Y.
<u>Bruchus signaticornis</u> Gyll. (Bruchidae):					
<u>Lens culinaris</u> (lentil)	Italy.....	7	.....	.....	Mich., N. Y.
<u>Bruchus tristiculus</u> Fahr. (Bruchidae):					
<u>Lathyrus odoratus</u> (sweetpea).....	Greece, Morocco..	1	.....	3	N. Y., S. C.
<u>L. sativus</u> (grass peavine) seed.....	Italy, Portugal ...	2	.....	.....	Mass., N. Y.
<u>Lathyrus</u> sp. (peavine) seed.....	Italy, Portugal ...	1	.....	1	N. Y.
<u>Lens culinaris</u> (lentil) seed.....	Italy.....	1	.....	.....	Ill.
<u>Vicia faba</u> (broadbean).....	Portugal.....	1	.....	.....	Mass.
<u>Bruchus tristis</u> Boh. (Bruchidae):					
<u>Lathyrus sativus</u> (grass peavine).....	Italy.....	3	.....	.....	Mass., N. Y.
<u>Lathyrus</u> sp. (peavine) seed.....	...do.....	5	.....	1	N. Y.
<u>Lens culinaris</u> (lentil)	...do.....	1	.....	.....	N. Y.
<u>Lupinus albus</u> (white lupine) seed	...do.....	.....	.....	1	N. Y.
<u>Bulimulus dysoni</u> (Pfeiffer)(Bulimulidae):					
Bromeliad.....	Peru .....	.....	.....	1	Fla.
<u>Busseola fusca</u> Fuller (Noctuidae):					
<u>Ipomoea batatas</u> (sweetpotato)	Kenya	1	.....	.....	Ill.

PLANT QUARANTINE DIVISION

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Cadra calidella</u> (Guen.) (Phycitidae):					
<u>Ficus carica</u> (fig)	Greece	1	.....	.....	N. Y.
<u>Callidium rufipenne</u> Motsch. (Cerambycidae):					
Cargo	Japan, unknown...	2	.....	.....	Fla., Ill.
<u>Cupressus</u> sp. (cypress)	Japan	1	.....	.....	Fla.
Packing material	.. do.	1	.....	.....	Minn.
<u>Pinus</u> sp. (pine) crate	.. do.	1	.....	.....	N. J.
<u>Quercus</u> sp. (oak) log	.. do.	1	.....	.....	Calif.
Wood (crate)	.. do.	1	.....	.....	N. J.
<u>Callirhytis glandium</u> (Giraud) (Cynipidae):					
<u>Quercus</u> sp. (acorn)	Turkey	1	.....	.....	Va.
<u>Callosobruchus analis</u> (F.) (Bruchidae):					
<u>Cicer arietinum</u> (chickpea)	India	1	.....	.....	Hawaii.
<u>Phaseolus aureus</u> (mung bean)	Philippines .....	.....	1	.....	N. C.
<u>Phaseolus</u> sp. (bean) seed	Indonesia(?) .....	.....	1	.....	Hawaii.
<u>Pisum sativum</u> (pea)	England .....	.....	1	.....	Tex.
Stores	India .....	.....	1	.....	Wash.
<u>Callosobruchus phaseoli</u> (Gyll.) (Bruchidae):					
Baggage	Philippines	1	.....	.....	Hawaii.
Bean--unidentified	Cape Verde Islands.	1	.....	.....	N. Y.
<u>Cajanus cajan</u> (pigeonpea)	.. do.	1	.....	.....	N. Y.
<u>Cicer arietinum</u> (chickpea)	Barbados	1	.....	.....	N. Y.
<u>Dolichos lablab</u> (hyacinth bean)	Cape Verde Islands, unknown.	8	.....	.....	Mass., N. J., N. Y.
<u>Calyptocephala nigricornis</u> Germ. (Chrysomeli- dae):					
Plant material (packing for snakes)	Brazil	1	.....	.....	N. Y.
<u>Campylenchia hastata</u> F. (Membracidae):					
<u>Acalypha</u> sp. (copperleaf) cutting	Surinam .....	.....	.....	1	Fla.
<u>Capaneus tetricus</u> Stal (Coreidae):					
Orchid	Mexico .....	.....	.....	1	Tex.
<u>Carpomyia incompleta</u> (Beck.) (Tephritidae):					
<u>Zizyphus</u> sp. (jujube)	United Arab Republic.	1	.....	.....	N. Y.
<u>Carpophilus maculatus</u> Murr. (Nitidulidae):					
Mail	Dominican Republic.	1	.....	.....	Fla.
<u>Sterculia urens</u> (karaya gum)	India	1	.....	.....	N. Y.
<u>Carposina niponensis</u> Wlsm. (Carposinidae):					
<u>Malus sylvestris</u> (apple)	Japan .....	.....	10	.....	Hawaii, N. C., Oreg., S. C., Tex., Wash.
<u>Caryedes germaini</u> (Pic) (Bruchidae):					
Seed--unidentified	Argentina	1	.....	.....	P. R.
<u>Caryedon gonagra</u> (F.) (Bruchidae):					
<u>Acacia</u> sp.	Hawaii	1	.....	.....	Hawaii.
<u>Arachis hypogaea</u> (peanut)	Unknown .....	.....	1	.....	Mich.
Cargo	.. do.	1	.....	.....	Ill.
<u>Cassia</u> sp. (senna) pod and seed	Hawaii	6	.....	.....	Hawaii.
<u>Pisum sativum</u> (pea)	Unknown .....	.....	1	.....	La.
Seed--unidentified	Hawaii	1	.....	.....	Hawaii.
Stores	India .....	.....	1	.....	Tex.
<u>Tamarindus indica</u> (tamarind) pod and seed .	American Virgin Islands, Cape Verde Islands, Hawaii, India, Jamaica, Mexico, Philippines, unknown.	16	3	1	Fla., Hawaii, N. Y., Tex., Wash.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN --
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Cenopalpus pterinus</u> Pritchard & Baker (Tenuipalpidae):					
<u>Rosmarinus officinalis</u> (rosemary).....	Italy.....	.....	.....	1	N. Y.
<u>Cenopalpus pulcher</u> (C. & F.)(Tenuipalpidae):					
<u>Malus sylvestris</u> (apple).....	Lebanon.....	1	.....	.....	Wash.
<u>Ceratitis capitata</u> (Wied.)(Tephritidae):					
<u>Annona</u> sp. (fruit).....	Portugal.....	.....	1	.....	Mass.
<u>Calophyllum inophyllum</u> (Indiapoon beauty- leaf) fruit.	Hawaii.....	1	.....	.....	Hawaii.
<u>Capsicum annuum</u> (pepper).....	Angola, Republic of Congo, unknown.	2	1	.....	Mass., N. Y.
<u>C. annuum</u> var. <u>longum</u> (chili pepper).....	Azores.....	1	.....	.....	Mass.
<u>Carica papaya</u> (papaya).....	Hawaii.....	4	.....	.....	Hawaii.
<u>Citrus grandis</u> (pummelo).....	Argentina.....	.....	1	.....	P. R.
<u>C. limon</u> (lemon).....	Italy.....	1	.....	.....	N. Y.
<u>C. paradisi</u> (grapefruit).....	Canary Islands, Italy, Peru, Spain, United Arab Republic, unknown.	7	.....	.....	Ga., Md., N. C., Pa., P. R.
<u>C. reticulata</u> (Mandarin orange).....	Hawaii, Italy, Nicaragua, Portu- gal, Spain, Syria, unknown.	9	5	.....	Calif., Fla., Hawaii, Ill., Mass., N. Y., Tex.
<u>C. sinensis</u> (sweet orange).....	Argentina, Costa Rica, Greece, Hawaii, Israel, Italy, Libya, Morocco, Portu- gal, Spain, United Arab Republic, unknown.	13	19	.....	Del., Fla., Hawaii, Ill., La., Mass., N. J., N. Y., Pa., P. R., Tex.
<u>Coffea arabica</u> (Arabian coffee) berry.....	Brazil, Hawaii...	64	.....	1	Calif., Fla., Hawaii, N. Y., P. R.
<u>Cydonia oblonga</u> (quince).....	Greece, Italy....	3	.....	.....	Ill., N. Y.
<u>Diospyros kaki</u> (kaki persimmon).....	Unknown.....	1	.....	.....	Hawaii.
<u>Diospyros</u> sp. (persimmon).....	Azores, Brazil, Italy.	5	.....	.....	Mass., N. Y.
<u>Ficus carica</u> (fig).....	Azores, Greece, Italy, Portugal, unknown.	10	.....	.....	Mass., N. Y.
<u>Fortunella</u> sp. (kumquat).....	Peru.....	1	.....	.....	Calif.
<u>Malus sylvestris</u> (apple).....	Azores, Italy...	2	.....	.....	N. Y., Tex.
<u>Mangifera indica</u> (mango).....	Hawaii, United Arab Republic.	3	.....	.....	Hawaii, N. Y.
<u>Mespilus germanica</u> (medlar).....	Italy.....	1	.....	.....	N. Y.
<u>Opuntia humifusa</u> (pricklypear).....	do.....	13	.....	.....	Ill., Mass., N. Y.
<u>Passiflora</u> sp. (passionflower) fruit.....	Hawaii.....	2	.....	.....	Hawaii.
<u>Prunus domestica</u> (plum).....	Portugal.....	.....	1	.....	Pa.
<u>P. persica</u> (peach).....	Brazil, France, Italy, Lebanon, Republic of South Africa, Spain, unknown.	4	4	.....	Calif., N. Y., Pa.
<u>Prunus</u> sp.....	Europe (coun- try(?)), Italy, Spain, unknown.	3	2	.....	Fla., N. Y., P. R.
<u>Psidium guajava</u> (guava).....	Azores, Hawaii...	10	.....	.....	Hawaii, Mass.

PLANT QUARANTINE DIVISION

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<i>Ceratitis capitata</i> --Continued					
<i>Punica granatum</i> (pomegranate).....	Greece, Italy ...	2	.....	.....	N. Y.
<i>Pyrus communis</i> (pear).....	Greece, Italy, unknown.	4	3	.....	N. Y.
<i>Sorbus domestica</i> 'Appleform' (servicetree mountain-ash) fruit.	Italy	2	.....	.....	N. Y.
<i>Synsepalum dulcificum</i>	Ghana.....	1	.....	.....	N. Y.
<i>Terminalia catappa</i> (tropical almond).....	Hawaii.....	4	.....	.....	Hawaii.
<i>Ceratitis capitata</i> (Wied.)(?)(Tephritidae):					
<i>Capsicum annuum</i> (pepper).....	Angola.....	.....	1	.....	N. Y.
<i>Citrus paradisi</i> (grapefruit)	Italy .....	.....	1	.....	Ala.
<i>C. reticulata</i> (Mandarin orange)	Unknown.....	.....	1	.....	N. Y.
<i>C. sinensis</i> (sweet orange).....	Brazil, Greece, Italy, Morocco, Spain.	.....	6	.....	Ala., Fla., Tex.
<i>Cordyline</i> sp. (dracena) berry.....	Hawaii.....	.....	.....	1	Hawaii.
<i>Eriobotrya japonica</i> (loquat).....	Unknown.....	.....	1	.....	N. Y.
<i>Lycopersicon esculentum</i> (tomato)	Hawaii.....	.....	1	.....	Hawaii.
<i>Ceratitis colae</i> Silv. (?)(Tephritidae):					
<i>Cola acuminata</i> (Sudan colanut) pod.....	Nigeria.....	2	.....	.....	N. Y.
<i>Ceresa vitulus</i> Fowl. (Membracidae):					
Airplane	Jamaica .....	.....	1	.....	Fla.
<i>Ceroplastes rubens</i> Mask. (Coccidae):					
<i>Alyxia olivaeformis</i> (maile alyxia) leaf	Hawaii.....	3	.....	.....	Calif., Hawaii.
<i>Anthurium andraeanum</i> (flamingo anthurium)	...do.....	.....	.....	1	Hawaii.
<i>Peperomia</i> sp.....	...do.....	.....	.....	1	Hawaii.
<i>Chabora nealcesalis</i> (Wlk.)(Noctuidae):					
Airplane	Dominican Republic.	.....	1	.....	Fla.
<i>Chaetocnema ectypa</i> Horn (Chrysomelidae):					
<i>Chrysanthemum</i> sp. (flower)	Mexico	1	.....	.....	Ariz.
<i>Chalciope hyppasia</i> (Cram.)(Noctuidae):					
Airplane	Thailand.....	.....	1	.....	Hawaii.
<i>Charidotis seminulum</i> (Boh.)(Chrysomelidae):					
<i>Chamaedorea</i> sp. (palm) frond.....	Mexico	1	.....	.....	Tex.
<i>Chilo luteellus</i> (Mots.)(Crambidae):					
<i>Phragmites communis</i> (common reed).....	Japan.....	2	.....	.....	Calif.
<i>Chilo suppressalis</i> (Wlk.)(Crambidae):					
<i>Oryza sativa</i> (rice).....	...do.....	3	5	.....	Calif., Hawaii, Pa., Wash.
Stores	...do.....	.....	1	.....	Wash.
<i>Chondrula tridens</i> (Müller)(Bulimulidae):					
<i>Mirabilis</i> sp. (four-o'clock) seed	Denmark.....	.....	.....	1	Pa.
<i>Chrysodeixis chalcites</i> (Esp.)(Noctuidae):					
<i>Chrysanthemum</i> sp. (leaf).....	Japan.....	.....	1	.....	Hawaii.
<i>Lactuca sativa</i> (lettuce).....	Hawaii.....	2	.....	.....	Hawaii.
Mail (parcel)	...do.....	1	.....	.....	Hawaii.
Orchid.....	...do.....	.....	.....	1	Hawaii.
<i>Chrysolina menthastri</i> Suffr. (Chrysomelidae):					
Baggage (insect collection).....	Netherlands.....	1	.....	.....	N. Y.
<i>Chrysomphalus albopictus</i> (Ckll.)(Coccidae):					
<i>Citrus aurantifolia</i> (lime)	Mexico .....	.....	1	.....	Calif.
Orchid.....	...do.....	1	.....	.....	Calif.
<i>Chrysomphalus personatus</i> (Comst.)(Coccidae):					
<i>Citrus aurantifolia</i> (lime)	...do.....	.....	2	.....	Calif.
<i>C. sinensis</i> (sweet orange).....	Brazil, Mexico...	1	2		Calif.
<i>Cocos nucifera</i> (coconut) cap	Costa Rica.....	1			Calif.

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<u>Chrysomphalus rubribullatus</u> (Froggatt) (Coccidae):					
<u>Eucalyptus</u> sp. (branch).....	Australia	1			Wash.
<u>Chrysomphalus umboniferus</u> (Newst.)(Coccidae):					
<u>Carica papaya</u> (papaya)	Guatemala	1	.....	.....	Calif.
Orchid (leaf).....	Costa Rica, El Salvador.	1	.....	1	Calif.
<u>Cladius pectinicornis</u> (Fourc.) (Tenthredinidae):					
<u>Rosa</u> sp. (rose) cut flower	Ireland, Poland...	3	.....	.....	Mass., N. Y.
<u>Cocconotus wheeleri</u> Heb. (Tettigoniidae):					
Cargo (in animal cage).....	Panama.....	1	.....	.....	Fla.
<u>Coccus viridis</u> Green (Coccidae):					
<u>Coffea arabica</u> (Arabian coffee).....	Hawaii.....	1	.....	.....	Hawaii.
<u>Gardenia jasminoides</u> (leaf)	...do.....	17	1	2	Calif., Hawaii.
<u>G. taitensis</u> (leaf).....	...do.....	2	.....	1	Hawaii.
<u>Gardenia</u> sp. (leaf and stem)	Hawaii, Tahiti....	1	.....	1	Calif.
<u>Cochlicella barbara</u> (L.)(Helicellidae):					
Automobile.....	Germany.....	1	.....	.....	S. C.
Cargo.....	Crete, France, Greece, Italy, Morocco, Spain, Turkey.	25	.....	.....	Del., La., Mass., N. C., N. Y., S. C., Va.
<u>Humulus japonicus</u> (Japanese hop) seed.....	Netherlands .....	.....	.....	1	Oreg.
<u>Phaseolus lunatus</u> (lima bean) seed.....	United Arab Republic.	.....	.....	1	D. C.
Soil with cargo.....	Greece	1	.....	.....	Mass.
<u>Cochlicella conoidea</u> (Drap.)(Helicellidae):					
Automobile.....	Morocco.....	1	.....	.....	S. C.
Cargo.....	Greece(?), Morocco.	4	.....	.....	La., N. C.
<u>Cochlicella ventrosa</u> (Ferussac)(Helicellidae):					
Automobile.....	Spain.....	1	.....	.....	Pa.
<u>Buxus sempervirens</u> (boxwood) seed.....	Italy .....	.....	.....	2	N. J.
Cargo.....	Azores, Italy, Morocco, Spain.	9	.....	.....	La., N. C., S. C.
<u>Laburnum</u> sp. (seed).....	Italy	1	.....	.....	Ill.
Soil with plants (<u>Asparagus plumosus</u> , <u>Begonia</u> sp., <u>Gardenia</u> sp., and <u>Hyacinthus</u> sp.).	Italy, Lebanon, Portugal.	.....	1	2	Mass., N. C.
Stores (with vegetable).....	Unknown.....	.....	1	.....	S. C.
<u>Syringa</u> sp. (lilac) seed.....	Germany(?).....	.....	.....	1	N. J.
<u>Colaspis inconspicua</u> Jac. (?) (Chrysomelidae):					
Airplane	Costa Rica, unknown.	.....	2	.....	Fla.
<u>Colaspis submetallica</u> Jac. (?) (Chrysomelidae):					
Airplane	Costa Rica .....	.....	1	.....	Fla.
<u>Conibosa occidentis</u> (Wlk.)(?) (Cicadidae):					
Cargo.....	Ecuador	1	.....	.....	Fla.
<u>Conoderus exsul</u> (Sharp) (Elateridae):					
<u>Anthurium andraeanum</u> (flamingo anthurium) flower.	Hawaii.....	1	.....	.....	Hawaii.
<u>Vanda</u> sp. (orchid)	...do.....	1	.....	.....	Hawaii.
<u>Conoderus rufangulus</u> (Gyll.) (Elateridae):					
Cargo.....	Azores	2	.....	.....	N. C.
<u>Conotelus mexicanus</u> Murr. (Nitidulidae):					
<u>Chrysanthemum</u> sp. (flower)	Mexico	5			Ariz., Tex.
Flowers (mixed)	Hawaii.....	1			Hawaii.

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<u>Conotelus mexicanus</u> --Continued					
<u>Gardenia</u> sp. (flower).....	Hawaii.....	1			Hawaii.
<u>Hibiscus</u> sp. (flower).....	...do.....	1			Hawaii.
<u>Lactuca sativa</u> (lettuce).....	Mexico.....	1	.....	.....	Tex.
<u>Orchid</u> (flower).....	Hawaii.....	1	.....	.....	Hawaii.
<u>Plumeria rubra</u> (Mexican frangipani) flower.....	...do.....	1	.....	.....	Hawaii.
<u>Plumeria</u> sp. (flower).....	...do.....	1	.....	.....	Hawaii.
<u>Vanda</u> 'Miss Joachim' (orchid) flower.....	...do.....	9	.....	.....	Hawaii.
<u>Vanda</u> sp. (orchid) flower.....	...do.....	3	.....	.....	Hawaii.
<u>Zinnia</u> sp. (flower).....	Mexico.....	1	.....	.....	Tex.
<u>Conotrachelus aguacatae</u> Barber (Curculionidae):					
<u>Persea americana</u> (avocado) seed.....	...do.....	4	.....	1	Ill., Tex.
<u>Conotrachelus perseae</u> Barber (Curculionidae):					
<u>Persea americana</u> (avocado).....	Costa Rica, Mexico.	2	.....	.....	Calif., Tex.
<u>Coptotermes formosanus</u> Shiraki (Rhinotermitidae):					
Cardboard.....	Hawaii.....	1	.....	.....	Hawaii.
Mail (parcel).....	...do.....	2	.....	.....	Hawaii.
<u>Coptotermes niger</u> Snyder (Rhinotermitidae):					
Cargo.....	Guatemala.....	1	.....	.....	Fla.
<u>Coptotermes testaceus</u> L. (Rhinotermitidae):					
Soil.....	Brazil.....	1	.....	.....	Fla.
<u>Corythaica carinata</u> Uhler (Tingidae):					
<u>Lantana</u> sp. (leaf).....	American Virgin Islands.	1	.....	.....	Fla.
<u>Cryphula apicata</u> (Dist.) (Lygaeidae):					
Orchid.....	Mexico.....	.....	.....	1	Tex.
<u>Cryphula fasciata</u> (Dist.) (Lygaeidae):					
Orchid.....	Mexico, Panama..	.....	.....	2	Fla., N. Y.
<u>Cryptoblabes gnidiella</u> (Mill.) (Phycitidae):					
<u>Citrus limon</u> (lemon).....	Italy.....	1	.....	.....	N. Y.
<u>C. sinensis</u> (sweet orange).....	Greece, Israel, Italy, Spain.	3	4	.....	N. Y.
<u>Punica granatum</u> (pomegranate).....	Greece, Italy...	6	.....	.....	Mass., N. Y.
<u>Cryptophlebia leucotreta</u> (Meyr.) (Olethreutidae):					
<u>Citrus sinensis</u> (sweet orange).....	Republic of South Africa.	.....	2	.....	Md., N. Y.
<u>Cryptophlebia ombrodelta</u> (Lower) (Olethreutidae):					
<u>Litchi chinensis</u> (lychee).....	Hawaii.....	1	.....	.....	Hawaii.
<u>Poinciana pulcherrima</u> (flowerfence poinciana).	...do.....	1	.....	.....	Hawaii.
<u>Sesbania</u> sp.....	...do.....	1	.....	.....	Hawaii.
<u>Tamarindus</u> sp. (tamarind).....	Philippines.....	1	.....	.....	Hawaii.
<u>Cryptotermes brevis</u> (Wlk.) (Kalotermitidae):					
Baggage.....	Hawaii.....	1	.....	.....	Hawaii.
Cardboard.....	Bahamas.....	1	.....	.....	Fla.
Flowers.....	Hawaii.....	1	.....	.....	Hawaii.
Wood (pallet board).....	...do.....	1	.....	.....	Calif.
<u>Ctenochira cumulata</u> (Boh.) (Chrysomelidae):					
<u>Chamaedorea</u> sp. (palm) foliage.....	Mexico.....	1	.....	.....	Tex.
<u>Curculio elephas</u> (Gyll.) (Curculionidae):					
<u>Castanea sativa</u> (European chestnut).....	Greece, Italy, Yugoslavia.	4			Calif., Ill.,
<u>Castanea</u> sp. (chestnut).....	Greece, Italy, Yugoslavia.	69			Ill., N. Y.

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<u>Curculio nucum</u> L. (Curculionidae):					
<u>Corylus avellana</u> (European filbert)	Italy	1			Ill.
<u>Corylus</u> sp. (filbert).....	...do.....	1	.....	.....	N. Y.
<u>Cylas formicarius elegantulus</u> (Summers)					
(Curculionidae):					
<u>Ipomoea batatas</u> (sweetpotato)	Cuba, Dominican Republic, Haiti.	2	2	.....	Fla., Ga., N. Y.
<u>Cylas puncticollis</u> Boh. (Curculionidae):					
<u>Ipomoea batatas</u> (sweetpotato)	Sierra Leone .....	.....	2	.....	Md.
<u>Cyrtosoma tristigma</u> (Boh.) (Chrysomelidae):					
Cargo.....	Mexico	1	.....	.....	Tex.
<u>Dacus cucurbitae</u> Coq. (Tephritidae):					
<u>Cucumis sativus</u> (cucumber) seed.....	Nepal.....	.....	.....	1	D. C.
<u>Cucurbita maxima</u> (winter squash)	Hawaii.....	1	.....	.....	Hawaii.
<u>Lycopersicon esculentum</u> (tomato)	...do.....	.....	2	1	Calif., Hawaii.
<u>Sesbania grandiflora</u> (agati sesbania) flower.	...do.....	1	.....	.....	Hawaii.
<u>Dacus cucurbitae</u> Coq. (?) (Tephritidae):					
<u>Cucumis sativus</u> (cucumber).....	...do.....	.....	3	.....	Calif., Wash.
<u>Dacus dorsalis</u> Hend. (Tephritidae):					
<u>Annona</u> sp.....	Viet-Nam	1	.....	.....	Calif.
<u>Averrhoa</u> sp. (fruit).....	Malaysia.....	.....	1	.....	Calif.
<u>Calocarpum sapota</u> (sapote)	Philippines.....	.....	1	.....	Hawaii.
<u>Carica papaya</u> (papaya)	Hawaii.....	2	1	.....	Hawaii, Wash.
Mail (mail bag and parcel)	...do.....	4	.....	.....	Hawaii.
<u>Mangifera indica</u> (mango)	...do.....	11	1	.....	Calif., Hawaii.
<u>Musa nana</u> (dwarf banana).....	...do.....	1	.....	.....	Hawaii.
<u>Musa X paradisiaca</u> (banana)	...do.....	2	.....	.....	Hawaii.
<u>Passiflora edulis</u> (purple granadilla)	...do.....	1	.....	.....	Hawaii.
<u>Passiflora</u> sp. (passionflower) fruit.....	...do.....	2	.....	.....	Hawaii.
<u>Persea americana</u> (avocado).....	...do.....	1	.....	.....	Hawaii.
<u>Prunus armeniaca</u> (apricot)	...do.....	.....	.....	1	Calif.
<u>Psidium guajava</u> (guava)	...do.....	8	.....	.....	Hawaii, Oreg.
<u>Terminalia catappa</u> (tropical almond).....	...do.....	2	.....	.....	Hawaii.
<u>Dacus dorsalis</u> Hend. (?) (Tephritidae):					
<u>Mangifera indica</u> (mango)	...do.....	3	.....	.....	Hawaii.
<u>Dacus oleae</u> (Gmel.) (Tephritidae):					
<u>Olea europaea</u> (common olive).....	France, Israel, Italy, Lebanon, Portugal, Spain.	82	.....	.....	Fla., Ill., Mass., Mich., N. Y.
<u>Olea</u> sp. (olive).....	Italy, Lebanon....	2	.....	.....	N. Y.
<u>Darnoides brunneus</u> Germ. (Membracidae):					
Cargo (with tropical fish)	Brazil.....	1	.....	.....	Fla.
<u>Dasyneura affinis</u> (Kieffer) (Cecidomyiidae):					
<u>Viola</u> sp. (violet).....	Italy .....	.....	.....	2	Mass.
<u>Dendrobias mandibularis</u> Serv. (Cerambycidae):					
Railway car	Mexico	1	.....	.....	Tex.
<u>Dendrocoris variegatus</u> Nelson (Pentatomidae):					
<u>Laelia</u> sp. (orchid).....	...do.....	.....	.....	1	Calif.
<u>Diabrotica speciosa</u> (Germ.) (Chrysomelidae):					
Airplane	Venezuela.....	.....	1	.....	P. R.
<u>Dialeurodes kirkaldyi</u> (Kot.) (Aleyrodidae):					
<u>Gardenia jasminoides</u> (leaf and stem).....	Hawaii.....	1	.....	2	Calif., Hawaii.
<u>G. taitensis</u> (leaf).....	Hawaii, Tahiti....	3	2	.....	Hawaii.
<u>Gardenia</u> sp. (leaf and stem)	Hawaii, Tahiti....	2	.....	.....	Calif., Hawaii.
<u>Jasminum</u> sp. (leaf).....	Hawaii, Tahiti....	1	.....	3	Hawaii.
<u>Plumeria</u> sp. (frangipani) leaf.....	Hawaii.....	.....	.....	2	Calif., Hawaii.
<u>Dialeurodes tristylis</u> Takah. (Aleyrodidae):					
<u>Cleyera japonica</u> (leaf).....	Japan.....		1		Calif.
<u>Laurus</u> sp. (?) (leaf).....	...do.....		1		Calif.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Diaphania indica</u> (Saund.) (Pyraustidae): Cucurbitaceae (fresh vine and leaf).....	Jamaica	1			N. Y.
<u>Diaphania lucidalis</u> Hübner (Pyraustidae): Airplane	Unknown.....	.....	1	.....	Fla.
<u>Diaprepes famelicus</u> (Ol.) var. (Curculionidae): Cargo (with tent).....	Bermuda.....	1	.....	.....	N. C.
<u>Diaxenes dendrobii</u> Gahan (Cerambycidae): Dendrobium sp. (orchid).....	Thailand.....	.....	.....	1	Fla.
<u>Dichocrocis punctiferalis</u> (Guen.) (Pyraustidae): Pinus sp. (5-needle pine).....	Japan .....	.....	.....	2	Wash.
<u>Dinoderus japonicus</u> Lesne (Bostrichidae): Bamboo.....	do.....	1	.....	.....	Mich.
<u>Dinoderus ocellaris</u> Steph. (Bostrichidae): Bamboo.....	Philippines.....	1	.....	.....	Wash.
<u>Diocalandra taitensis</u> (Guer.) (Curculionidae): Cocos nucifera (coconut).....	Fiji, Hawaii..	2	.....	1	Calif.
<u>Dolycoris baccarum</u> (L.) (Pentatomidae): Herb--unidentified	Crete.....	1	.....	.....	N. Y.
Vitis sp. (grape).....	Austria.....	1	.....	.....	Ill.
<u>Draeculacephala clypeata</u> Osborn (Cicadellidae): Airplane	Colombia, Ecuador, Panama, unknown. Ecuador .....	.....	6	.....	Fla.
Ananas comosus (pineapple).....	Ecuador	1	.....	.....	N. Y.
<u>Dryocoetes autographus</u> (Ratz.) (Scolytidae): Pinus sp. (pine) bark.....	Germany.....	1	.....	.....	Ala.
<u>Dryophthorus insignis</u> Sharp (Curculionidae): Cibotium sp. (tree fern) stem	Hawaii.....	1	.....	.....	Hawaii.
<u>Dryophthorus modestus</u> Sharp (Curculionidae): Cibotium sp. (tree fern) log.....	do.....	4	.....	.....	Calif., Hawaii.
<u>Dryophthorus pusillus</u> Sharp (Curculionidae): Cibotium sp. (tree fern)	do.....	3	.....	.....	Hawaii.
<u>Dynastes centaurus</u> (F.) (Scarabaeidae): Baggage.....	Unknown.....	1	.....	.....	N. Y.
<u>Dysdercus mimulus</u> Hussey (Pyrrhocoridae): Airplane	Mexico .....	.....	1	.....	Fla.
<u>Dyspessa ulula</u> (Bkh.) (Cossidae): Allium sativum (garlic).....	Italy, Spain	8	.....	.....	Ill., Mich., N. Y., P. R.
<u>Elaphidion spinicorne</u> Drury (Cerambycidae): Delonix regia (flamboyant-tree) seed pod ..	Jamaica	1	.....	.....	N. Y.
<u>Elasmolomus v-album</u> (Stal) (Lygaeidae): Baggage.....	Tahiti	1	.....	.....	Calif.
<u>Elasmucha fieberi</u> (Jak.) (Pentatomidae): Crataegus sp. (hawthorn)	Austria.....	1	.....	.....	N. Y.
<u>Elousa albicans</u> Wlk. (Noctuidae): Airplane	Dominican Republic(?), Venezuela(?).	1	1	.....	Fla.
<u>Endelomyia aethiops</u> (F.) (Tenthredinidae): Rosa sp. (rose) flower.....	England, Poland..	2	.....	.....	N. Y., Wash.
<u>Eotetranychus carpin</u> (Oud.) (Tetranychidae): Rosa sp. (rose).....	Mexico	1	.....	.....	Tex.
<u>Epinotia aporema</u> (Wlsm.) (Olethreutidae): Phaseolus vulgaris cv. (string bean).....	Chile.....	.....	1	.....	Md.
<u>Epiphyas postvittana</u> (Wlk.) (Tortricidae): Malus sylvestris (apple).....	New Zealand	5			Hawaii, S. C.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Ernobius abietis</u> (F.) (Anobiidae):					
<u>Picea</u> sp. (spruce) cone.....	Germany, Italy, Switzerland.	4			Md., N. Y.
<u>Eucalendra setulosa</u> (Gyll.) (Curculionidae):					
Bamboo (pole)	Ecuador.....	1	.....	.....	Calif.
<u>Euleia heraclei</u> (L.) (?) (Tephritidae):					
<u>Apium graveolens</u> var. <u>dulce</u> (celery)	France, Netherlands.	.....	4	.....	Fla., N. Y., Pa., Tex.
<u>Petroselinum crispum</u> (parsley)	France .....	.....	1	.....	Mass.
<u>Euphoria basalis</u> (G. & P.) (Scarabaeidae):					
Airplane	Mexico	1	.....	.....	Fla.
<u>Euproctis varians</u> (Wlk.) (Lymantriidae):					
Airplane	Okinawa (?).....	1	.....	.....	Hawaii.
<u>Eurydema herbaceum</u> (H.-S.) (Pentatomidae):					
<u>Castanea</u> sp. (chestnut) branch	Italy	1	.....	.....	N. Y.
<u>Eurydema ornatum</u> (L.) (Pentatomidae):					
Cargo.....	Greece, Turkey ..	2	.....	.....	Ala., Del.
<u>Punica granatum</u> (pomegranate).....	Italy	1	.....	.....	N. Y.
<u>Euscepes postfasciatus</u> (Fairm.) (Curculionidae):					
<u>Ipomoea batatas</u> (sweetpotato)	Dominican Republic, Peru.	1	1	.....	Calif., P. R.
<u>Eustrophinus marginatus</u> (Champ.) (Melandryidae):					
Bromeliad.....	Mexico	1	.....	.....	Tex.
Orchid.....	do.....	1	.....	1	Tex.
<u>Euxoa bilitura</u> (Guen.) (Noctuidae):					
Airplane	Unknown.....	.....	1	.....	Fla.
<u>Euxoa spinifera</u> (Hbn.) (Noctuidae):					
Airplane	do.....	.....	1	.....	Hawaii.
<u>Evergestis forficalis</u> (L.) (Pyraustidae):					
<u>Brassica oleracea</u> var. <u>capitata</u> (cabbage) ..	Belgium, France, Netherlands, Norway.	.....	6	.....	Ala., N. Y., Pa. P. R., Tex.
<u>Exptochiomera confusa</u> Barber (Lygaeidae):					
Orchid.....	Mexico .....	.....	.....	1	Tex.
<u>Frankliniella formosae</u> Moulton (Thripidae):					
<u>Chrysanthemum morifolium</u> (florists chrysanthemum).	Japan.....	1	1	.....	Hawaii, Wash.
<u>Dianthus caryophyllus</u> (carnation).....	do.....	.....	2	.....	Wash.
<u>Gardenia</u> sp. (flower).....	Philippines.....	.....	1	.....	Hawaii.
<u>Frankliniella intonsa</u> (Trybom) (Thripidae):					
<u>Calluna vulgaris</u> (heather).....	Scotland	1	.....	.....	N. Y.
<u>Centaurea cyanus</u> (cornflower).....	Germany.....	.....	1	.....	N. Y.
<u>Chrysanthemum</u> sp. (flower)	England, Germany	1	2	.....	N. Y.
<u>Dianthus caryophyllus</u> (carnation).....	Czechoslovakia, Poland.	2	.....	.....	N. Y.
Flowers (mixed)	Denmark, Europe (country(?)), Italy.	3	3	.....	N. Y.
<u>Gladiolus</u> sp.	Italy .....	.....	3	.....	N. Y.
<u>Rosa</u> sp. (rose) flower.....	England, Germany, Hungary, Poland, Sweden, Switzerland.	10	2	.....	N. Y., Wash.
<u>Tagetes</u> sp. (marigold) petal	Europe (country(?)).	.....	1	.....	N. Y.
<u>Fundella pellucens</u> (Zell.) (Phycitidae):					
<u>Cajanus cajan</u> (pigeonpea) pod	Aruba, Barbados..	2			N. Y.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Furcaspis oceanica</u> Ldgr. (Coccidae):					
<u>Cocos nucifera</u> (coconut).....	Kwajalein.....	1			Hawaii.
<u>Galgupha punctifer</u> McA. & Mall.					
(Pentatomidae):					
<u>Ananas comosus</u> (pineapple).....	Mexico	1	.....	.....	Fla.
<u>Brassavola digbyana</u> (orchid).....	British Honduras .	1	.....	.....	Tex.
Bromeliad.....	Mexico .....	.....	.....	1	Tex.
Orchid.....	...do.....	2	.....	3	Tex.
<u>Gelechia ericetella</u> (Hbn.)(Gelechiidae):					
<u>Calluna vulgaris</u> (heather).....	Germany, Scotland.	3	.....	.....	N. Y.
<u>Genaparlatoria pseudaspidiotus</u> (Ldgr.)					
(Coccidae):					
Orchid.....	Malaysia.....	1	.....	.....	Calif.
Vanda sp. (orchid)	Guam.....	.....	.....	1	Calif.
<u>Geotomus pygmaeus</u> (Dallas)(Pentatomidae):					
Plant--unidentified.....	Southwest Pacific .	.....	.....	1	Hawaii.
<u>Glyphodes annulata</u> (F.)(Pyraustidae):					
Airplane	Thailand(?) .....	.....	1	.....	Hawaii.
<u>Gnaphalocrocis medinalis</u> (Guen.)(Pyraustidae):					
Airplane	Viet-Nam.....	.....	1	.....	Hawaii.
<u>Gnorimoschema gudmannella</u> (Wlsm.)					
(Gelechiidae):					
<u>Capsicum annuum</u> (pepper).....	Guatemala, Mexico.	2	.....	.....	Fla., Tex.
<u>Solanum tuberosum</u> (potato)	Dominican Republic.	1	.....	.....	P. R.
<u>Gnorimoschema ocellatella</u> (Boyd)(Gelechiidae):					
<u>Beta vulgaris</u> (beet)	Italy, United Arab Republic.	.....	2	.....	Pa.
<u>B. vulgaris</u> var. <u>cicla</u> (Swiss chard)	Spain.....	.....	1	.....	N. Y.
<u>Gortyna flavago</u> (Schiff.)(Noctuidae):					
<u>Cynara scolymus</u> (artichoke)	France, Italy....	1	3	.....	Md., N. Y.
<u>Graminella punctata</u> Caldwell (Cicadellidae):					
Airplane	Costa Rica, Dominican Republic.	.....	2	.....	Fla.
<u>Gynaikothrips ficorum</u> (Marchal)					
(Phlaeothripidae):					
Quarters.....	Unknown.....	.....	1	.....	P. R.
<u>Hapalia eupalusalis</u> (Wlk.)(Pyraustidae):					
Airplane	Jamaica .....	.....	1	.....	Fla.
<u>Haplothrips gowdeyi</u> (Frankl.)(Phlaeothripidae):					
<u>Antirrhinum majus</u> (snapdragon) flower.....	Haiti	1	.....	.....	P. R.
Flowers (mixed)	...do.....	4	.....	.....	P. R.
<u>Zoysia</u> sp. (grass) sod.....	Japan.....	.....	.....	1	Hawaii.
<u>Helicella caperata</u> (Montagu)(Helicellidae):					
Automobile.....	Germany.....	1	.....	.....	Ohio.
Cargo.....	Greece, unknown .	2	.....	.....	Mass., N. J.
Herb--unidentified	Crete, unknown...	2	.....	.....	N. Y.
<u>Humulus japonicus</u> (Japanese hop) seed.....	Netherlands.....	.....	.....	1	Oreg.
<u>Lathyrus odoratus</u> (sweetpea) seed.....	Greece.....	.....	.....	1	N. Y.
Soil with conex box, <u>Hyacinthus</u> sp., and <u>Lonicera</u> sp.	Italy, Netherlands.	1	1	1	Ill., Md., N. C.
<u>Helicella conspurcata</u> (Draparnaud)					
(Helicellidae):					
<u>Brassica oleracea</u> var. <u>capitata</u> (cabbage) ..	France .....	.....	1	.....	Fla.
<u>Dianthus caryophyllus</u> (carnation).....	Portugal.....	.....	.....	1	Mass.
<u>Laburnum</u> sp.	Italy.....	1	.....	.....	Ill.
<u>Mentha</u> sp. (mint).....	Portugal.....			1	Mass.
Soil with cargo and plant.....	Greece, Italy...	1		1	Mass.
Straw.....	Spain.....	1			Ill.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Helicella conspurcata</u> --Continued					
<u>Vicia faba</u> (broadbean).....	Portugal.....	1			Mass.
<u>Helicella cretica</u> (Ferussac)(Helicellidae):					
<u>Asparagus</u> sp.	Greece.....	.....	.....	1	N. Y.
Cargo.....	Crete, Greece, Turkey.	20	.....	.....	Del., La., Mass., N. Y.
<u>Lactuca sativa</u> (lettuce).....	Greece.....	.....	1	.....	La.
Soil with plants (cactus, <u>Gardenia</u> sp., <u>Jasminum</u> sp., <u>Lonicera</u> sp., <u>Pelargonium</u> sp., and unidentified plant).	Greece, Lebanon.	.....	.....	4	Mass.
<u>Helicella derbentina</u> (Andrz.)(Helicellidae):					
Airplane.....	Turkey.....	1	.....	.....	Del.
Cargo.....	..do.....	14	.....	.....	Del., La., N. Y., Ohio, S. C., Va.
<u>Helicella explanata</u> (Müller)(Helicellidae):					
Cargo.....	Greece.....	1	.....	.....	N. C.
<u>Helicella itala</u> (L.)(Helicellidae):					
Cargo (conex box).....	Italy.....	1	.....	.....	La.
<u>Helicella maritima</u> (Draparnaud)(Helicellidae):					
Baggage.....	..do.....	2	.....	.....	Mass.
<u>Brassica chinensis</u> (Chinese cabbage).....	..do.....	.....	1	.....	P. R.
Cargo.....	Azores, Italy, Libya, Spain.	13	.....	.....	La., N. Y., Va.
<u>Citrus paradisi</u> (grapefruit).....	Israel.....	.....	1	.....	Mich.
<u>Pelargonium</u> sp. (geranium).....	France.....	.....	.....	1	N. Y.
<u>Vicia sativa</u> (vetch) seed.....	Spain.....	1	.....	.....	Md.
<u>Helicella protea</u> (Ziegler)(Helicellidae):					
Cargo.....	Turkey.....	3	.....	.....	Del., La.
<u>Helicella pyramidata</u> (Draparnaud) (Helicellidae):					
Cargo.....	Greece, Italy, Libya.	3	.....	.....	Ala., La., N. Y.
<u>Helicella trochoides</u> (Poiret)(Helicellidae):					
<u>Acacia saligna</u> (seed).....	Italy.....	.....	.....	1	N. J.
Cargo.....	Unknown.....	2	.....	.....	N. C.
<u>Helicella variabilis</u> (Draparnaud)(Helicellidae):					
<u>Buxus sempervirens</u> (boxwood) seed.....	Italy.....	.....	.....	1	N. J.
Cargo.....	France, Italy, Spain.	11	.....	.....	Del., La., N. C., N. Y.
<u>Malus sylvestris</u> (apple).....	Italy.....	.....	1	.....	Pa.
<u>Vicia sativa</u> (vetch).....	Spain.....	1	.....	.....	Pa.
<u>Helicella virgata</u> (DaCosta)(Helicellidae):					
Cargo.....	Italy.....	1	.....	.....	Ohio.
<u>Helicina chrysocheila</u> Binney (Helicinidae):					
<u>Chamaedorea</u> sp. (palm).....	Mexico.....	1	.....	.....	La.
<u>Helicina convexa</u> Pfeiffer (Helicinidae):					
Cargo.....	Bermuda.....	1	.....	.....	S. C.
<u>Helicina denticulata</u> (Pfeiffer)(Helicinidae):					
<u>Musa X paradisiaca</u> (banana).....	Honduras.....	1	.....	.....	N. Y.
<u>Helicina dysoni</u> (Pfeiffer)(Helicinidae):					
Orchid.....	..do.....	.....	.....	1	Fla.
<u>Helicina strebeli</u> Pfeiffer (Helicinidae):					
<u>Petroselinum crispum</u> (parsley).....	Mexico.....	.....	1	.....	Ill.
<u>Helicina zephyrina</u> (Duclos)(Helicinidae):					
<u>Chamaedorea</u> sp. (palm).....	..do.....	1			Tex.
Orchid.....	..do.....			1	Tex.
<u>Helix aperta</u> Born (Helicidae):					
Baggage.....	Italy.....	3			Mass., N. Y.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Helix aperta</u> --Continued					
<u>Brassica oleracea</u> var. <u>botrytis</u> (cauliflower).	Italy		1		Ala.
<u>B. oleracea</u> var. <u>capitata</u> (cabbage).....	Italy, Spain.....	.....	3	.....	Md., N. Y., Va.
<u>Cynara scolymus</u> (artichoke)	Italy .....	.....	1	.....	N. Y.
<u>Humulus japonicus</u> (Japanese hop) seed.....	Netherlands.....	.....	.....	1	Oreg.
<u>Lactuca sativa</u> (lettuce).....	Italy .....	.....	1	.....	N. Y.
<u>Petroselinum crispum</u> (parsley)	France .....	.....	1	.....	Mass.
<u>Helix aspersa</u> Müller (Helicidae):					
Automobile	England, France, Mexico.	3	.....	.....	Calif., S. C., Va.
Baggage.....	Italy	3	.....	.....	Ill., N. Y.
<u>Brassica oleracea</u> var. <u>capitata</u> (cabbage)...	Spain.....	.....	1	.....	Va.
Cargo.....	France, Greece ..	2	.....	.....	Mass., N. Y.
<u>Delphinium</u> sp. (flower).....	Haiti	1	.....	.....	P. R.
Flowers (mixed)	Bermuda.....	1	.....	.....	Bermuda.
Herb--unidentified	Mexico	1	.....	.....	Ill.
Soil with <u>Asparagus plumosus</u>	Portugal .....	.....	.....	1	Mass.
<u>Helix lucorum</u> L. (Helicidae):					
Cargo.....	Turkey	1	.....	.....	N. Y.
<u>Helix pomatia</u> L. (Helicidae):					
Baggage.....	Spain.....	1	.....	.....	P. R.
Mail (parcel)	Italy	1	.....	.....	Wash.
<u>Hemimene juliana</u> (Curt.) (Olethreutidae):					
<u>Castanea</u> sp. (chestnut).....	...do.....	1	.....	.....	N. Y.
<u>Heterobostrychus aequalis</u> (Waterh.) (Bostrichidae):					
Debris	Unknown.....	1	.....	.....	Mich.
Wood	Formosa, Hawaii, Pakistan, Philippines, Thailand.	5	.....	.....	Calif., La., Md., N. C.
<u>Heterobostrychus brunneus</u> (Murray) (Bostrichidae):					
Wood	Republic of the Congo.	2	.....	.....	Md.
<u>Heterogaster urticae</u> (F.) (Lygaeidae):					
Cargo.....	France	1	.....	.....	Del.
<u>Heterotermes convexitatus</u> (Snyder) (Rhinothritidae):					
<u>Dalbergia</u> sp. (rosewood) log.....	Brazil.....	1	.....	.....	La.
<u>Saccharum officinarum</u> (sugarcane)	Puerto Rico.....	1	.....	.....	Fla.
<u>Zamia</u> sp. (cycad) root.....	Mexico	1	.....	.....	Tex.
<u>Hylurgops palliatus</u> (Gyll.) (Scolytidae):					
<u>Pinus</u> sp. (pine) bark.....	Denmark, Germany.	3	.....	.....	Ala., Ohio.
<u>Hylurgus ligniperda</u> (F.) (Scolytidae):					
<u>Pinus</u> sp. (pine) bark on crate.....	Italy	1	.....	.....	La.
<u>Iridomyrmex iniquus</u> Mayr (Formicidae):					
Orchid	Guatemala .....	.....	.....	1	Tex.
<u>Kleidocerys truncatulus</u> (Wlk.) (Lygaeidae):					
<u>Calluna vulgaris</u> (heather).....	England, Scotland.	2	.....	.....	N. Y.
<u>Lamia textor</u> L. (Cerambycidae):					
Cargo.....	Italy (?).....	1	.....	.....	Fla.
<u>Lampides boeticus</u> (L.) (Lycaenidae):					
<u>Phaseolus vulgaris</u> cv. (string bean).....	Japan, Spain.....	.....	2	.....	Calif., N. Y.
<u>Pisum sativum</u> (pea) pod and seed.....	Hong Kong, Japan.	2	3		Calif., Hawaii, Wash.
<u>Laspeyresia splendana</u> (Hbn.) (Olethreutidae):					
Baggage.....	Italy	1			Mass.

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<u>Laspeyresia splendana</u> --Continued					
<u>Castanea sativa</u> (European chestnut).....	Greece, Italy, Yugoslavia.	3			Calif., Ill.
<u>Castanea</u> sp. (chestnut).....	Azores, Canary Islands, France, Germany, Greece, Italy, Portugal, Yugoslavia.	56	.....	.....	Ill., Mass., N.J., N. Y., Pa., P. R.
<u>Quercus suber</u> (cork oak) seed.....	Italy.....	.....	.....	1	N. J.
<u>Laspeyresia strobilella</u> (L.)(Olethreutidae):					
<u>Picea</u> sp. (spruce) cone.....	...do.....	3	.....	.....	Md.
<u>Lepidosaphes esakii</u> Tak. (Coccidae):					
<u>Cocos nucifera</u> (coconut).....	Kwajalein.....	1	.....	.....	Hawaii.
<u>Lepidosaphes kuwacola</u> Kuw. (Coccidae):					
<u>Ginkgo biloba</u> (ginkgo) tree.....	Japan.....	.....	.....	1	Calif.
<u>Leptocorixa acuta</u> (Thunb.)(Coreidae):					
Airplane.....	Thailand.....	.....	1	.....	Hawaii.
<u>Leptysma mexicana</u> (Sauss.)(Acrididae):					
Airplane.....	Mexico.....	.....	1	.....	Fla.
<u>Lepyronia coleoptrata</u> (L.)(Cercopidae):					
<u>Triticum aestivum</u> (wheat) straw.....	Italy.....	1	.....	.....	N. Y.
<u>Leucania formosana</u> (Btlr.)(Noctuidae):					
Airplane.....	Okinawa.....	.....	1	.....	Hawaii.
<u>Leucania insecuta</u> Wlk. (Noctuidae):					
Airplane.....	...do.....	.....	2	.....	Hawaii.
<u>Leucania pryri</u> Leech (Noctuidae):					
Airplane.....	...do.....	.....	1	.....	Hawaii.
<u>Leucinodes orbonalis</u> Guen. (Pyraustidae):					
<u>Solanum integrifolium</u> (Ethiopian eggplant).....	Liberia.....	1	.....	.....	N. Y.
<u>S. melongena</u> (eggplant).....	Ghana.....	1	.....	.....	N. Y.
<u>Solanum</u> sp.	Nigeria.....	1	.....	.....	N. Y.
<u>Liocoris tripustulatus</u> (F.)(Miridae):					
<u>Capsicum annuum</u> (pepper).....	Hungary.....	1	.....	.....	N. Y.
<u>Liogenys macropelma</u> Bates (Scarabaeidae):					
Airplane.....	Unknown.....	1	.....	.....	Fla.
<u>Locusta migratoria</u> L. (Acrididae):					
Airplane.....	Okinawa.....	.....	1	.....	Hawaii.
<u>Lorryia formosa</u> Cooreman (Tydeidae):					
<u>Citrus sinensis</u> (sweet orange).....	Brazil.....	1	.....	.....	Hawaii.
<u>Lygaeus circumplacatus</u> Dist. (Lygaeidae):					
Orchid.....	Guatemala, Mexico.	.....	.....	4	Fla., Tex.
Plant--unidentified.....	Mexico.....	.....	.....	1	Tex.
<u>Lygaeus pandurus</u> (Scop.)(Lygaeidae):					
Airplane.....	Japan.....	.....	1	.....	Hawaii.
Stores.....	Italy.....	.....	1	.....	Mass.
<u>Lygaeus persimilis</u> Horv. (Lygaeidae):					
Cargo.....	Spain.....	1	.....	.....	N. C.
<u>Lygaeus pulchellus</u> (F.)(Lygaeidae):					
Bromeliad.....	Mexico.....	.....	.....	2	Tex.
<u>Lygaeus teapensis</u> Dist. (Lygaeidae):					
<u>Lycopersicon esculentum</u> (tomato).....	...do.....	1	.....	.....	Tex.
<u>Lygus punctatus</u> (Zett.)(Miridae):					
<u>Brassica</u> sp. (leaf).....	Netherlands.....	.....	1	.....	La.
<u>Macrolophus nubilis</u> (H.-S.)(Miridae):					
Flowers (mixed).....	Italy.....	1	.....	.....	N. Y.
<u>Macropygium reticulare</u> (F.)(Pentatomidae):					
Cargo.....	Ecuador.....	1			Fla.
Orchid (stem).....	Costa Rica.....	1			Fla.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Mamestra brassicae</u> (L.)(Noctuidae):					
<u>Apium graveolens</u> var. <u>dulce</u> (celery)	Italy, Japan		2		N. Y., Wash.
Baggage.....	England.....	1	.....	.....	N. Y.
<u>Brassica oleracea</u> var. <u>acephala</u> (collard) ..	Portugal.....	.....	1	.....	P. R.
<u>B. oleracea</u> var. <u>botrytis</u> (cauliflower).....	France, Italy ...	.....	2	.....	Ala.
<u>B. oleracea</u> var. <u>capitata</u> (cabbage).....	England, France, Germany, Ire- land, Italy, Netherlands, Spain.	1	25	.....	Ala., Ill., Md., Minn., N. Y., Pa., P. R.
<u>Chrysanthemum</u> sp. (flower)	England.....	1	.....	.....	N. Y.
Flowers (mixed)	Germany.....	1	.....	.....	Ill.
<u>Lactuca sativa</u> (lettuce).....	France .....	.....	1	.....	N. Y.
<u>Maruca testulalis</u> (Geyer)(Pyraustidae):					
Airplane	Unknown, Venezuela.	.....	2	.....	Fla.
<u>Cajanus cajan</u> (pigeonpea) pod	Dominican Republic.	2	.....	.....	N. Y., P. R.
<u>Canavalia microcarpa</u> (mauna loa)	Hawaii.....	1	.....	.....	Hawaii.
Cargo (with tropical fish)	Colombia	1	.....	.....	Fla.
<u>Phaseolus vulgaris</u> cv. (string bean)	Angola, Ivory Coast, Japan, Puerto Rico.	4	7	.....	Calif., Fla., Mass. N. Y., P. R., Wash.
<u>Matsumuraeses phaseoli</u> (Mats.)(Olethreutidae):					
<u>Phaseolus vulgaris</u> cv. (string bean)	Japan.....	.....	8	.....	Calif., Wash.
<u>Phaseolus</u> sp. (seed)	...do.....	.....	1	.....	Oreg.
<u>Megacerus alternatus</u> Bridw. (Bruchidae):					
<u>Ipomoea</u> sp. (branch).....	Mexico	1	.....	.....	Ariz.
<u>Leucaena leucocephala</u> (whitepopinac lead- tree).	Hawaii.....	1	.....	.....	Hawaii.
Plant material.....	...do.....	1	.....	.....	Hawaii.
<u>Megalogyllus molinai</u> Chop. (Gryllidae):					
Cargo (with tropical fish)	Peru	1	.....	.....	Fla.
<u>Megastigmus pistaciae</u> Wlk. (Torymidae):					
<u>Pistacia</u> sp. (pistache) nut	Italy	1	.....	.....	Wis.
<u>Melamphaus faber</u> (F.)(Pyrrhocoridae):					
Airplane	Unknown.....	.....	1	.....	Hawaii.
<u>Melanaspis ponderosa</u> Ferris (Coccidae):					
Plant material.....	Costa Rica.....	.....	.....	1	Calif.
<u>Rhizophora</u> sp. (mangrove) seed.....	Mexico	1	.....	.....	Calif.
<u>Melaphis chinensis</u> (Bell)(Aphididae):					
Plant material	Korea	1	.....	.....	Wash.
<u>Melolontha melolontha</u> (L.)(Scarabaeidae):					
Baggage.....	France	1	.....	.....	Pa.
Cargo (in hold of airplane)	...do.....	1	.....	.....	Calif.
<u>Melormenis antillarum</u> (Kirk.)(Flatidae):					
<u>Citrus aurantium</u> (sour orange).....	Puerto Rico.....	1	.....	.....	P. R.
<u>Mertila malayensis</u> Dist. (Miridae):					
<u>Phalaenopsis</u> sp. (moth orchid).....	Malaysia.....	.....	.....	1	Hawaii.
<u>Mesomphix caduca</u> (Pfeiffer)(Zonitidae):					
Orchid.....	Mexico .....	.....	.....	1	Tex.
<u>Metamasius hemipterus sericeus</u> (Oliv.) (Curculionidae):					
<u>Musa X paradisiaca</u> (banana)	Ecuador, Hon- duras, Panama.	14	.....	.....	Ala., Calif., Fla., La., N. Y., S. C.
<u>Micrapate mexicana</u> Fisher (Bostrichidae):					
Railway car	Mexico	1			Tex.
<u>Spondias</u> sp. (mombin) seed.....	Guatemala			1	Fla.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Microplax plagiata</u> (Fieber)(Lygaeidae): Flowers (mixed)	Spain		1		N. J.
<u>Mikiola fagi</u> (Hartig)(Cecidomyiidae): Fagus sp. (beech)	England .....	.....	1	.....	Wash.
<u>Minthea reticulata</u> Lesne (Lyctidae): Wood (packing case)	India	1	.....	.....	Tex.
<u>Minthea rugicollis</u> (Wlk.)(Lyctidae): Grass (dried weaving)	Trinidad	1	.....	.....	N. Y.
Nelumbium sp. (lotus) seed	Hong Kong	1	.....	.....	Hawaii.
Stores	Unknown .....	.....	1	.....	Calif.
Wood (packing case)	India	1	.....	.....	N. Y.
<u>Mniothripa lichenigera</u> (Hmps.)(Noctuidae): Airplane	Guam .....	.....	1	.....	Hawaii.
<u>Mocis frugalis</u> (F.)(Noctuidae): Airplane	Unknown	1	.....	.....	Hawaii.
<u>Monacha cantiana</u> (Montagu)(Helicellidae): Cargo	France	1	.....	.....	Del.
<u>Monacha carthusiana</u> (Müller)(Helicellidae): Buxus sempervirens (boxwood) seed	Italy .....	.....	.....	3	N. J.
Cargo	Greece, Italy, unknown.	4	.....	.....	La., Mass., N. C., N. J.
Clematis viticella (Italian clematis) seed ...	Italy .....	.....	.....	1	N. J.
<u>Cotinus coggyria</u> (common smoketree) seed ..	do .....	.....	.....	1	N. J.
<u>Hibiscus syriacus</u> (shrub-althea) seed	do .....	.....	.....	1	N. J.
<u>Lathyrus sativus</u> (grass peavine) bean	do	1	.....	.....	Mass.
Soil with Hyacinthus sp. (bulb), unidentified plant, and roll of cable wire.	England, Italy, Liberia.	1	2	.....	Mass., N. C., Ohio.
<u>Monacha olivieri</u> (Ferussac)(Helicellidae): Cargo	Turkey	1	.....	.....	Del.
<u>Monosteira unicastata</u> Muls. & Rey (Tingidae): Baggage (with Punica granatum)	Israel	1	.....	.....	N. Y.
<u>Prunus amygdalus</u> (almond)	Italy	1	.....	.....	N. Y.
<u>Moodna bisinuella</u> Hamp. (Phycitidae): Zea mays (corn)	Guatemala, Mexico.	1	1	.....	Calif., Tex.
<u>Morganelia longispina</u> (Morg.)(Coccidae): Chaenomeles sp. (flowering quince) dwarf plant.	Japan .....	.....	.....	1	Calif.
Citrus aurantifolia (lime)	Brazil .....	.....	2	.....	Calif.
C. grandis (pummelo)	Tahiti	2	9	.....	Calif.
C. limon (lemon)	do	1	.....	.....	Calif.
C. paradisi (grapefruit)	American Samoa, unknown.	.....	2	.....	Calif.
C. reticulata (Mandarin orange)	Japan .....	.....	4	.....	Calif.
C. sinensis (sweet orange)	Brazil, Japan, Tahiti; unknown.	2	3	.....	Calif.
<u>Mormidea collaris</u> Dallas (Pentatomidae): Orchid	Mexico	1	.....	.....	Tex.
<u>Mumetopia nigrimana</u> (Coq.)(Anthomyzidae): Airplane	Dominican Republic.	.....	2	.....	P. R.
<u>Myocalandra exarata</u> Boh. (Curculionidae): Bambusa sp. (bamboo) packing board	India	1	.....	.....	Md.
<u>Myodocha giraffa</u> Stal (Lygaeidae): Orchid	Colombia .....	.....	.....	1	Fla.
<u>Myodocha intermedia</u> Dist. (Lygaeidae): Airplane	Panama	1	.....	.....	Fla.
<u>Nasutitermes corniger</u> (Motsch.)(Termitidae): Dalbergia sp. (rosewood) log	British Honduras .	1			La.
Orchid	Peru	1			Fla.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Nasutitermes costalis</u> (Holmgr.)(Termitidae):					
Orchid.....	Jamaica .....	.....	.....	1	Fla.
<u>Nasutitermes guayanae</u> (Holmgr.)(Termitidae):					
<u>Schomburgkia</u> sp. (orchid) pseudobulb.....	Trinidad.....	.....	.....	1	Fla.
<u>Nasutitermes nigriceps</u> (Hald.)(Termitidae):					
<u>Ananas comosus</u> (pineapple).....	Mexico	1	.....	.....	Tex.
Orchid.....	British Honduras .	.....	.....	1	Fla.
<u>Nasutitermes rippertii</u> (Rambur)(Termitidae):					
Airplane	Bahamas .....	.....	1	.....	Fla.
<u>Naupactus xanthographus</u> (Germ.)(Curculionidae):					
<u>Cucumis melo</u> 'Honeydew' (honeydew melon)	Chile.....	1	.....	.....	N. Y.
<u>Neella eucosmus</u> (Stal)(Miridae):					
<u>Nephthytis</u> sp. (seed pod)	Mexico .....	.....	.....	1	Tex.
<u>Neoclytus acuminatus</u> (F.)(Cerambycidae):					
Debris	Unknown.....	1	.....	.....	Md.
<u>Neoleucinodes elegantalis</u> (Guen.)(Pyraustidae):					
<u>Lycopersicon esculentum</u> (tomato)	Mexico	2	.....	.....	Md., Tex.
<u>Solanum quitoense</u> ("naranjilla").....	Colombia	1	.....	.....	Fla.
<u>Neophyllaphis araucariae</u> Takah. (Aphididae):					
<u>Araucaria excelsa</u> (Norfolk-Island-pine)....	Hawaii.....	1	.....	.....	Hawaii.
<u>Neotermes chilensis</u> (Blanchard)(Kalo-termitidae):					
Wood (crate).....	Chile.....	1	.....	.....	N. Y.
<u>Nephotettix apicalis</u> (Motsch.)(Cicadellidae):					
Airplane	Canton Island, Japan, Philip- pines, Thailand, unknown, Viet- Nam, Wake Island.	2	7	.....	Hawaii.
Cargo hold (of ship)	India, unknown ...	2	.....	.....	Md., S. C.
<u>Nephotettix cincticeps</u> (Uhler)(Cicadellidae):					
Airplane	West Pacific .....	.....	1	.....	Hawaii.
<u>Nezara viridula</u> var. <u>hepatica</u> Horvath (Pentatomidae):					
Packing material (fibrous)	Spain.....	1	.....	.....	Del.
<u>Nezara viridula</u> var. <u>torquata</u> (F.) (Pentatomidae):					
Cargo (wooden crate).....	...do.....	1	.....	.....	Del.
Packing material (fibrous)	...do.....	1	.....	.....	Del.
<u>Norellia longipennis</u> Ségué (Anthomyiidae):					
<u>Narcissus</u> sp. (bulb).....	Greece .....	.....	.....	1	N. Y.
<u>Nymphula badiosalis</u> (Wlk.)(Pyraustidae):					
Cargo hold (of ship)	Unknown.....	1	.....	.....	Mich.
<u>Nysius caledoniae</u> Dist. (Lygaeidae):					
<u>Vanda</u> 'Miss Joachim' (orchid) flower	Hawaii.....	1	.....	.....	Hawaii.
<u>Nysius helveticus</u> (H.-S.)(Lygaeidae):					
<u>Allium sativum</u> (garlic).....	Portugal	1	.....	.....	Mass.
<u>Nysius kingbergi</u> Usinger (Lygaeidae):					
<u>Vanda</u> 'Miss Joachim' (orchid) flower	Hawaii.....	1	.....	.....	Hawaii.
<u>Oenopiella unidentata</u> (Spinola)(Pentatomidae):					
<u>Cucumis melo</u> 'Honeydew' (honeydew melon)	Chile.....	1	.....	.....	
<u>Ogdoecosta biannularis</u> (Boh.)(Chrysomelidae):					
Baggage.....	Mexico	1	.....	.....	Calif.
Plant material	...do.....	1	.....	.....	Ariz.
<u>Ogdoecosta catenulata</u> (Boh.)(Chrysomelidae):					
Bromeliad.....	...do.....			1	Tex.
<u>Chamaedorea oblongata</u> (palm) leaf.....	...do.....	1			Tex.

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<u>Opeas pyrgula</u> Schmacker & Boettger (Achatinidae):					
Automobile.....	Hawaii.....	1			Ga.
<u>Opomus pulchra</u> Dallas (Pentatomidae):					
Bromeliad.....	Mexico.....	1	.....	.....	Tex.
<u>Orchidophilus aterrimus</u> (Waterh.) (Curculionidae):					
<u>Alpinia purpurata</u> (flower).....	Hawaii.....	1	.....	.....	Hawaii.
<u>Cattleya</u> sp. (orchid) flower.....	...do.....	1	.....	.....	Hawaii.
<u>Dendrobium</u> sp. (orchid) flower.....	...do.....	2	.....	.....	Hawaii.
Orchid (lei and plant).....	Hawaii, Philippines.	1	.....	1	Calif.
<u>Vanda</u> 'Miss Joachim' (orchid) flower.....	Hawaii.....	1	.....	.....	Hawaii.
<u>Orgyia dubia</u> (Tausch.) form umbripennis Strd. (Lymantriidae):					
<u>Allium sativum</u> (garlic).....	Italy.....	1	.....	.....	Ill.
<u>Orthotylus ericetorum</u> (Fall.) (Miridae):					
<u>Calluna vulgaris</u> (heather).....	England.....	.....	.....	1	N. Y.
<u>Osmilia flavolineata</u> (DeG.) (Acrididae):					
Cargo (with <u>Musa</u> sp.).....	Ecuador.....	1	.....	.....	Fla.
<u>Ostrinia nubilalis</u> (Hbn.) (Pyraustidae):					
<u>Arctium lappa</u> (burdock).....	Japan.....	.....	1	.....	Calif.
<u>Capsicum annuum</u> var. <u>grossum</u> (bell pepper).	Italy, Japan....	.....	3	.....	Hawaii, Md., Wash.
Cargo (with <u>Mangifera indica</u> in monkey cage).	Panama.....	1	.....	.....	Fla.
<u>Gladiolus</u> sp. (flower).....	Italy.....	.....	1	.....	N. Y.
<u>Lycopersicon esculentum</u> (tomato).....	Venezuela(?).....	.....	1	.....	Pa.
<u>Panicum miliaceum</u> (millet).....	Netherlands.....	1	.....	.....	Calif.
<u>Phaseolus vulgaris</u> cv. (string bean).....	Italy, Japan....	.....	15	.....	Mich., Ohio, Wash.
<u>Sorghum dochna</u> var. <u>technicum</u> (broomcorn)	Yugoslavia.....	3	.....	.....	Md., Mich.
<u>Zea mays</u> (corn).....	Italy, Japan....	2	2	.....	N. Y., Wash.
<u>Otala lactea</u> (Müllér) (Helicidae):					
Cargo.....	Morocco.....	1	.....	.....	Va.
Cargo hold (of ship).....	Japan, Morocco..	3	.....	.....	Calif., Ill.
<u>Otala vermiculata</u> (Müller) (Helicidae):					
Baggage (snails for food).....	Greece, Italy....	8	.....	.....	Ill., Mass., N. Y.
<u>Brassica oleracea</u> var. <u>botrytis</u> (cauliflower)	France.....	.....	1	.....	N. Y.
<u>B. oleracea</u> var. <u>capitata</u> (cabbage).....	Italy.....	.....	1	.....	N. Y.
Cargo.....	Cuba, Greece....	3	.....	.....	N. Y., Va.
<u>Oulema gallaeciana</u> (Heyd.) (Chrysomelidae):					
<u>Brassica oleracea</u> var. <u>capitata</u> (cabbage) ..	France.....	.....	1	.....	Md.
<u>Ovatus crataegarius</u> (Wlk.) (Aphididae):					
<u>Mentha</u> sp. (mint).....	Chile, Italy, Mexico.	4	.....	.....	Fla., Ill., Mass., Tex.
<u>Oxyblepta limbaticornis</u> Stål (Acrididae):					
Orchid.....	Panama.....	.....	.....	1	Fla.
<u>Oxycaenus hyalinipennis</u> (Costa) (Lygaeidae):					
<u>Gossypium</u> sp. (seed cotton).....	India.....	.....	.....	1	DC.
<u>Prunus persica</u> (peach).....	Republic of South Africa.	1	.....	.....	N. Y.
<u>Oxyodes scrobiculata</u> (F.) (Noctuidae):					
Airplane.....	Thailand.....	.....	1	.....	Hawaii.
<u>Ozophora concava</u> (Dist.) (Lygaeidae):					
Bromeliad.....	Mexico.....	.....	.....	1	Tex.
<u>Pachybrachius albocinctus</u> Barber (Lygaeidae):					
<u>Cucumis melo</u> var. <u>cantalupensis</u> (cantaloupe).	...do.....	1			Ariz.
<u>Pachybrachius globiceps</u> (Stal) (Lygaeidae):					
Orchid.....	Ecuador.....			1	Fla.

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<u>Pachybrachius nietneri</u> (Dohrn)(Lygaeidae): Airplane	Okinawa		1		Hawaii.
<u>Pachybrachius pacificus</u> (Stal)(Lygaeidae): <u>Gardenia jasminoides</u> (flower).....	Hawaii.....	1			Hawaii.
<u>Pachycoris fabricii</u> L. (Pentatomidae): <u>Citrus aurantium</u> (sour orange).....	Puerto Rico.....	1	.....	.....	P. R.
<u>Pachygrontha oedancalodes</u> Stal (Lygaeidae): Bromeliad.....	Mexico .....	.....	.....	1	Tex.
<u>Pagiocerus frontalis</u> (F.)(Scolytidae): <u>Persea</u> sp. (avocado) seed	do.....	.....	.....	1	Tex.
<u>Zea mays</u> (corn)	Colombia, Ecuador, Panama, Peru.	18	1	.....	Calif., Fla., Ill., La., N. Y.
<u>Pangaeus aethiops</u> (F.)(Pentatomidae): Cargo (with tropical fish)	Brazil.....	1	.....	.....	Fla.
<u>Pangaeus docilis</u> (Wlk.)(Pentatomidae): Orchid.....	Mexico, Peru ....	.....	.....	2	Fla., Tex.
<u>Parastichtis monoglypha</u> (Hufn.)(Noctuidae): Airplane	Ireland(?), unknown	2	.....	.....	Mass., Pa.
<u>Parisoschoenus flavolimbatus</u> Champ. (Curculionidae): <u>Chamaedorea oblongata</u> (palm).....	Mexico	2	.....	.....	Tex.
<u>Parlatoria cinerea</u> Hadden (Coccidae): <u>Citrus aurantifolia</u> (lime)	Brazil, Mexico...	1	3	.....	Calif.
<u>C. grandis</u> (pummelo)	Tahiti .....	.....	4	.....	Calif.
<u>C. limon</u> (lemon).....	Brazil, Japan, Spain.	.....	5	.....	Calif.
<u>C. paradisi</u> (grapefruit).....	American Samoa, Honduras, Nica- ragua, Surinam, Trinidad.	.....	6	.....	Calif.
<u>C. reticulata</u> (Mandarin orange)	Formosa, Guatemala.	.....	3	.....	Calif.
<u>C. sinensis</u> (sweet orange).....	Brazil, Formosa, Italy, Panama, Spain, Trinidad, unknown.	3	32	.....	Calif.
<u>Jasminum</u> sp. (jasmine)	Hong Kong .....	.....	.....	1	Hawaii.
<u>Parlatoria zizyphus</u> (Lucas)(Coccidae): <u>Citrus aurantifolia</u> (lime)	Indonesia, Thailand.	1	1	.....	Calif.
<u>C. grandis</u> (pummelo)	Formosa, Japan, Thailand.	.....	3	.....	Calif., Pa.
<u>C. limon</u> (lemon).....	Formosa, Italy, Japan, unknown.	2	11	.....	Calif., N. Y., Wash.
<u>C. mitis</u> (calamondin orange).....	Philippines.....	.....	1	.....	Hawaii.
<u>C. paradisi</u> (grapefruit).....	Israel(?), Italy, Trinidad.	.....	5	.....	Calif., N. Y., Pa.
<u>C. reticulata</u> (Mandarin orange)	Formosa, Hong Kong, Italy, Japan, Morocco, Okinawa.	9	3	.....	Calif., N. Y., Wash.
<u>C. sinensis</u> (sweet orange).....	Africa (country(?)), Brazil, Formosa, France, Greece, Italy, Japan, Morocco, Thai- land, unknown.	8	22	.....	Calif., Hawaii, N. Y., Pa., Wash.
<u>Citrus</u> sp. (dried peel and leaf).....	Formosa, Hong Kong, Philip- pines, unknown.	2	1	3	Calif., Hawaii, Ill., N. Y.

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<u>Paromius piratoides</u> (Costa)(?)(Lygaeidae):					
Airplane	Wake Island		1		Hawaii.
<u>Patanga japonica</u> (Bol.)(Acrididae):					
Baggage (as pet)	Japan	1	.....	.....	Wash.
<u>Paulinia acuminata</u> (DeG.)(Acrididae):					
Cargo (with tropical fish)	Colombia	1	.....	.....	Fla.
<u>Pectinophora gossypiella</u> (Saund.)(Gelechiidae):					
<u>Gossypium tomentosum</u> (Hawaiian cotton)...	Hawaii	1	.....	.....	Hawaii.
<u>Gossypium</u> sp. (cotton) boll, seed, and waste.	Albania, Antigua, Bahamas, British West Indies (Island(?)), Dominican Republic, Grenada, Hawaii, Mexico, Turkey.	16	.....	2	Bahamas, Fla., Hawaii, Mass., Tex.
<u>Hibiscus esculentus</u> (okra)	Antigua, Dominican Republic, Ghana, Haiti, Jamaica, Mexico, Trinidad.	36	5	.....	Fla., N. Y., Pa., P. R., Tex.
<u>Pentalonia nigronervosa</u> Coq. (Aphididae):					
<u>Alpinia purpurata</u> (red galangal)	American Samoa, Hawaii.	32	.....	.....	Hawaii.
<u>Colocasia</u> sp. (elephants ear) leaf	Peru .....	.....	.....	1	Fla.
Flowers (mixed)	Hawaii	1	.....	.....	Hawaii.
<u>Zingiber officinale</u> (ginger) flower	Canal Zone, Hawaii.	4	.....	.....	Calif., Fla.
<u>Perkinsiella saccharicida</u> Kirk. (Delphacidae):					
<u>Spathodea campanulata</u> (bell flambeau-tree) flower.	Hawaii	1	.....	.....	Hawaii.
<u>Phagocarpus permundus</u> (Harris)(?)(Tephritidae):					
<u>Cotoneaster</u> sp. (berry)	England	1	.....	.....	Pa.
<u>Phalonia zephyrana</u> (Treit.)(Phaloniidae):					
<u>Daucus carota</u> var. <u>sativa</u> (carrot)	France, Italy ...	.....	5	.....	Ala., Pa.
<u>Pheidole megacephala</u> (F.)(Formicidae):					
<u>Ananas comosus</u> (pineapple)	Australia(?), Hawaii.	2	1	.....	Calif., Hawaii.
Bean	Hawaii .....	.....	1	.....	Calif.
Bromeliad	Guatemala	1	.....	.....	Fla.
Cargo (tent)	Bermuda	1	.....	.....	N. C.
<u>Cibotium</u> sp. (tree fern) log	Hawaii	1	.....	.....	Calif.
<u>Citrus</u> sp. (leaf)	Dominican Republic.	1	.....	.....	Fla.
<u>Cordyline terminalis</u> (ti) stem	Hawaii	1	.....	.....	Hawaii.
<u>Dalbergia</u> sp. (rosewood) log	Honduras	1	.....	.....	La.
<u>Fragaria</u> sp. (strawberry) plant	France .....	.....	1	.....	N. Y.
<u>Hibiscus</u> sp. (flower)	Bahamas, Hawaii.	2	.....	.....	Fla., Hawaii.
<u>Lycopersicon esculentum</u> (tomato)	Philippines	1	.....	.....	Hawaii.
Orchid	British Honduras .	1	.....	.....	Fla.
<u>Pisum sativum</u> (pea)	Hawaii	1	.....	.....	Hawaii.
Plant material--unidentified	Guam, Honduras ..	1	.....	1	Fla., Hawaii.
<u>Saccharum officinarum</u> (sugarcane)	American Samoa ..	1	.....	.....	Hawaii.
Soil with grass	Republic of South Africa.	.....	.....	1	D. C.
Wood (driftwood and log)	American Samoa, Bermuda.	2	.....	.....	Calif., Mass.
<u>Zingiber officinale</u> (ginger)	Fiji	7	.....	.....	Calif., Hawaii.
<u>Phlyctinus callosus</u> Boh. (Curculionidae):					
<u>Vitis</u> sp. (grape)	Republic of South Africa.	2			N. Y.

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<u>Phurys immunis</u> Guen. (Noctuidae):					
Airplane	Dominican Republic.		1		Fla.
<u>Phyllotreta cruciferae</u> (Goeze)(Chrysomelidae):					
<u>Raphanus sativus</u> (radish).....	Israel .....	.....	1	.....	N. Y.
<u>Phytobia</u> (<u>Cephalomyza</u>) <u>cepa</u> (Hering)					
(Agromyzidae):					
<u>Allium fistulosum</u> (Welsh onion)	Japan.....	.....	1	.....	Wash.
<u>Phytomyza rufipes</u> Meig. (Agromyzidae):					
<u>Brassica oleracea</u> var. <u>botrytis</u> (cauliflower)	Belgium, England, France, Germany, Netherlands.	.....	10	.....	Ala., Md., Pa., Tex.
<u>B. oleracea</u> var. <u>capitata</u> (cabbage).....	Algeria, Belgium, England, Scotland.	.....	5	.....	Ala., Pa., Tex., Va.
<u>B. rapa</u> (turnip).....	England, Malaysia	.....	2	.....	La., Tex.
<u>Cichorium endivia</u> (endive).....	Belgium	1	.....	.....	N. Y.
<u>Lactuca sativa</u> (lettuce).....	Netherlands .....	.....	1	.....	Tex.
<u>Raphanus sativus</u> (radish).....	Denmark.....	.....	1	.....	N. Y.
<u>Pieris brassicae</u> (L.)(Pieridae):					
Airplane	Greece	1	.....	.....	Del.
<u>Brassica oleracea</u> var. <u>botrytis</u> (cauliflower)	Italy .....	.....	1	.....	Ala.
<u>B. oleracea</u> var. <u>capitata</u> (cabbage).....	France, Ireland ..	.....	2	.....	N. Y.
<u>B. rapa</u> (turnip).....	France .....	.....	1	.....	N. Y.
Cargo.....	Greece	3	.....	.....	Del., La., Md.
Stores	Netherlands .....	.....	1	.....	N. Y.
<u>Pileocera pseudodelpha</u> (Meyr.)(Pyraustidae):					
<u>Zingiber officinale</u> (ginger).....	Fiji	6	.....	.....	Calif.
<u>Pineus harukawai</u> Inouye (Chermidae):					
<u>Pinus parviflora</u> (Japanese white pine).....	Japan.....	.....	.....	1	Wash.
<u>Pityogenes chalcographus</u> (L.)(Scolytidae):					
<u>Pinus</u> sp. (pine) bark.....	Norway.....	1	.....	.....	N. Y.
Wood (bark on crate)	Sweden	2	.....	.....	Ga., Va.
<u>Plagiognathus arbustorum</u> (F.)(Miridae):					
<u>Rosa</u> sp. (rose).....	...do.....	1	.....	.....	N. Y.
<u>Platoeceticus symmicta</u> Dyar (Psychidae):					
<u>Ananas comosus</u> (pineapple).....	Mexico	1	.....	.....	Tex.
<u>Platyedra vilella</u> (Zeller)(Gelechiidae):					
Cardboard (spool of cable)	Turkey	1	.....	.....	Del.
<u>Platypus rugulosus</u> Chap. (Platypodidae):					
<u>Prioria copaifera</u> (cative) log.....	Colombia	1	.....	.....	S. C.
<u>Plemeliella abietina</u> Seitner (Cecidomyiidae):					
<u>Picea abies</u> (Norway spruce) seed.....	Denmark.....	.....	.....	1	N. J.
<u>P. glauca</u> (white spruce) seed	Austria, Denmark.	.....	.....	2	N. J.
<u>Popillia lewisi</u> Arrow (Scarabaeidae):					
Airplane	Okinawa .....	.....	4	.....	Hawaii.
Cargo (aircraft parts)	...do.....	1	.....	.....	Calif.
<u>Prays oleellus</u> (F.)(Yponomeutidae):					
<u>Olea europaea</u> (olive).....	Italy, Lebanon ..	6	.....	.....	N. Y.
<u>Prodenia litura</u> (F.)(Noctuidae):					
Airplane (cargo hold and quarters).....	Okinawa, unknown, Wake Island.	1	7	.....	Hawaii.
<u>Pseudaletia separata</u> (Wlk.)(Noctuidae):					
Airplane	Okinawa .....	.....	2	.....	Hawaii.
<u>Pseudaonidia trilobitiformis</u> (Green)(Coccidae):					
<u>Citrus aurantifolia</u> (lime)	Brazil.....	.....	3	.....	Calif.
<u>C. limon</u> (lemon).....	...do.....	.....	1	.....	Calif.
<u>C. sinensis</u> (sweet orange).....	Argentina .....	.....	1	.....	Calif.
<u>Pseudischnaspis alienus</u> Newst. (Coccidae):					
<u>Oncidium</u> sp. (orchid)	Costa Rica			1	Calif.

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<u>Pseudococcus citriculus</u> (Green)(Coccidae): <u>Zingiber</u> sp. (ginger) flower.....	Hawaii.....	1			Calif.
<u>Pseudococcus kraunhiae</u> (Kuw.)(Coccidae): <u>Chaenomeles</u> sp. (flowering quince).....	Japan.....	1	.....	.....	Calif.
<u>Pseudococcus lilacinus</u> Ckll. (Coccidae): <u>Lansium domesticum</u> (langsat) fruit.....	Philippines.....	1	.....	.....	Hawaii.
<u>Theobroma cacao</u> (cacao) fruit.....	...do.....	1	.....	.....	Hawaii.
<u>Pseudococcus oceanicus</u> Tak. (Coccidae): <u>Cocos nucifera</u> (coconut).....	Hawaii.....	1	.....	1	Hawaii, Wash.
<u>Pseudococcus palmarum</u> (Ehrh.)(Coccidae): <u>Cocos nucifera</u> (coconut).....	Hawaii, Philippines.	1	1	1	Calif., Wash.
<u>Psylliodes chrysocephala</u> (L.)(Chrysomelidae): <u>Brassica oleracea</u> var. <u>botrytis</u> (cauliflower)	Greece.....	.....	1	.....	N. Y.
<u>B. rapa</u> (turnip).....	France, Italy...	.....	2	.....	N. Y., Pa.
<u>Pterolophia camura</u> Newn. (Cerambycidae): Airplane.....	Philippines.....	1	.....	.....	Hawaii.
<u>Puto mexicanus</u> (Ckll.)(Coccidae): <u>Mentha</u> sp. (mint).....	Mexico.....	1	.....	.....	Calif.
<u>Puto ulter Ferris</u> (Coccidae) Orchid.....	Canal Zone, Guatemala.	2	.....	1	Calif.
<u>Pyrausta insignitalis</u> (Guen.)(Pyraustidae): Airplane.....	Nicaragua.....	1	.....	.....	P. R.
<u>Pyrrhodium sanguineum</u> (L.)(Cerambycidae): Cargo hold (of ship).....	Unknown.....	1	.....	.....	Ga.
Wood (plank).....	...do.....	1	1	.....	Fla., Mich.
<u>Pyrrhocoris apterus</u> (L.)(Pyrrhocoridae): <u>Hibiscus syriacus</u> (shrub-althea) seed.....	Italy.....	.....	.....	1	N. J.
<u>Reticulitermes speratus</u> (Kolbe) (Rhinotermitidae): Cycad (plant).....	Japan.....	.....	.....	1	Calif.
<u>Rhagoletis cerasi</u> (L.)(Tephritidae): Baggage.....	France.....	1	.....	.....	N. J.
<u>Prunus cerasus</u> (sour cherry).....	Europe (country?), France, Germany, Italy, Switzerland.	12	4	.....	N. Y.
<u>Prunus</u> sp. (cherry).....	Europe (country?), France, Hungary, Italy, Poland, Switzerland.	13	4	.....	Ill., Mass., N. Y.
<u>Rhaphigaster nebulosa</u> (Poda)(Pentatomidae): Airplane.....	Azores.....	1	.....	.....	Del.
Cargo (wooden crate).....	France.....	1	.....	.....	Del.
Mail.....	Italy.....	1	.....	.....	N. Y.
<u>Rhinocola ericae</u> (Curt.)(Psyllidae): <u>Calluna vulgaris</u> (heather).....	England, Norway, Scotland, Sweden.	5	.....	.....	Fla., N. Y.
<u>Rhynchobapta flaviceps</u> (Btlr.)(Geometridae): Airplane.....	Unknown.....	.....	1	.....	Hawaii.
<u>Scaptocoris minor</u> Berg (Cydnidae): Cargo (with tropical fish).....	Colombia.....	2	.....	.....	Fla.
<u>Schasicheila bahamensis</u> Pfeiffer (Heliciniidae): Orchid (plant).....	Bahamas.....	.....	.....	1	Fla.
<u>Schneidereria pistaciella</u> Weber (Gelechiidae): <u>Pistacia mutica</u> (turkterebinth pistache)....	France.....	1	.....	.....	N. Y.
<u>Pistacia</u> sp. (pistache).....	Italy.....	1	.....	.....	Mass.
<u>Schoenobius incertulas</u> (Wlk.)(Schoenobiidae): Airplane.....	Unknown.....		2		Hawaii.
Cargo (metal container).....	Viet-Nam.....	1			Hawaii.

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<u>Scobicia chevrieri</u> (Villa)(Bostrichidae):					
<u>Ficus carica</u> (fig).....	Italy	1			N. Y.
<u>Scolopostethus affinis</u> (Schill.)(Lygaeidae):					
<u>Fragaria</u> sp. (strawberry).....	Germany.....	.....	.....	1	Mass.
<u>Scolytus scolytus</u> (F.)(Scolytidae):					
Wood (crate).....	Italy	1	.....	.....	Fla.
<u>Scolytus sulcifrons</u> Rey (Scolytidae):					
Wood (crate).....	...do.....	1	.....	.....	Fla.
<u>Sehirus biguttatus</u> (L.)(Cydnidae):					
Packing material (moss).....	France	1	.....	.....	N. Y.
<u>Selenis suero</u> (Cram.)(Noctuidae):					
Airplane	Bahamas(?).....	1	.....	.....	Fla.
<u>Sesamia cretica</u> Led. (Noctuidae):					
<u>Sorghum dochna</u> var. <u>technicum</u> (broomcorn)	Greece	1	.....	.....	Md.
<u>Sesamia nonagrioides</u> (Lef.)(Noctuidae):					
Straw--unidentified (bottle jacket).....	Portugal.....	1	.....	.....	N. Y.
<u>Simodactylus cinnamomeus</u> (Boisd.)(Elateridae):					
Plant material--unidentified (cutting).....	Hawaii.....	.....	.....	1	Hawaii.
<u>Sinoxylon anale</u> Lesne (Bostrichidae):					
Wood (crate and slat).....	Indonesia, Pakistan.	2	.....	.....	Md., N. C.
<u>Sinoxylon conigerum</u> Gerst. (Bostrichidae):					
<u>Cassia fistula</u> (goldenshower senna) seed	Hawaii.....	1	.....	.....	Hawaii.
Cardboard (box).....	India	1	.....	.....	Mass.
<u>Cocos nucifera</u> (coconut) leaf hats.....	Hawaii.....	1	.....	.....	Hawaii.
<u>Eugenia</u> sp. (stem).....	...do.....	.....	.....	1	Hawaii.
Palm (baled fronds)	India	1	.....	.....	Ala.
<u>Swietenia mahagoni</u> (mahogany).....	Unknown.....	1	.....	.....	Ala.
Wood (art figure, crate, and slat).....	India, Pakistan, Portugal.	20	1	.....	Ill., Mass., Md., N. Y., S. C., Tex.
<u>Sinoxylon sexdentatum</u> (Ol.)(Bostrichidae):					
<u>Ficus carica</u> (fig).....	Italy	1	.....	.....	N. Y.
Grass (dried packing material)	...do.....	1	.....	.....	N. Y.
<u>Siphanta acuta</u> (Wlk.)(Flatidae):					
<u>Cymbidium</u> sp. (orchid) flower	Australia	1	.....	.....	N. Y.
Orchid (flower)	...do.....	1	.....	.....	N. Y.
<u>Strelitzia reginae</u> (flower).....	Hawaii.....	1	.....	.....	Hawaii.
<u>Sirex noctilio</u> (F.)(Siricidae):					
<u>Pinus</u> sp. (pine) cone wreath	Italy	1	.....	.....	Pa.
<u>Sisamnes contractus</u> Dist. (Lygaeidae):					
<u>Ananas comosus</u> (pineapple).....	Mexico	1	.....	.....	Fla.
<u>Spermophagus sericeus</u> Geoffr. (Bruchidae):					
<u>Convolvulus</u> sp. (glory bind) seed.....	Italy .....	.....	.....	1	N. Y.
<u>Sphenarches caffer</u> (Zell.)(Pterophoridae):					
<u>Cajanus cajan</u> (pigeonpea)	Dominican Republic, Jamaica.	2	.....	.....	N. Y., P. R.
<u>Sphincterochila boissieri</u> (Charpentier) (Helicidae):					
<u>Ceratonia siliqua</u> (carob) pod	Israel	1	.....	.....	N. Y.
<u>Spilomela perspicata</u> (F.)(Pyraustidae):					
Airplane	Unknown.....	.....	1	.....	Fla.
<u>Spodoptera mauritia acronyctoides</u> (Guen.) (Noctuidae):					
Baggage.....	Hawaii.....	1	.....	.....	Hawaii.
<u>Spodoptera pecten</u> Guen. (Noctuidae):					
Airplane	Japan, unknown...	.....	3	.....	Hawaii.
<u>Stenodontes bituberculata</u> Beauv. (Cerambycidae):					
Airplane	Dominican Republic.		1		P. R.

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PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Stenodontes exsertus</u> Oliv. (Cerambycidae):					
<u>Mangifera indica</u> (mango)	Puerto Rico	1	.....	.....	P. R.
<u>Stenoma catenifer</u> Wlsm. (Stenomidae):					
<u>Persea americana</u> (avocado)	Argentina, Colombia, Costa Rica, Ecuador, El Salvador, Guatemala, Honduras, Mexico, Panama, Peru, Venezuela.	30	7	2	Calif., Del., Fla., La., N. Y., S. C., Tex.
<u>P. americana</u> var. <u>drymifolia</u> (Mexican avocado) seed in fruit.	Mexico	1	.....	.....	Tex.
<u>Stenoptilia stigmatodactyla</u> Zell. (Pterophoridae):					
<u>Gentiana</u> sp. (gentian) flower	Switzerland	1	.....	.....	N. Y.
<u>Stenotrupis prolixa</u> (Sharp)(Curculionidae):					
<u>Cibotium</u> sp. (tree fern)	Hawaii	1	.....	.....	Hawaii.
<u>Stephanoderes hampei</u> (Ferr.)(Scolytidae):					
<u>Coffea arabica</u> (Arabian coffee) berry	Brazil, unknown..	1	2	.....	Bahamas, Ohio, P. R.
<u>C. canephora</u> (robust coffee)	Liberia	1	.....	.....	D. C.
<u>Coffea</u> sp. (coffee)	Brazil	2	.....	.....	N. Y., P. R.
<u>Sternochetus mangiferae</u> (F.)(Curculionidae):					
<u>Mangifera indica</u> (mango)	Africa (country(?)), Australia, Hawaii, India, Philippines.	19	16	5	Calif., Hawaii, Ill., N. Y., Tex.
<u>Sterrha inquinata</u> (Scop.)(Geometridae):					
<u>Anthemis</u> sp. (camomile)	Italy	1	.....	.....	Ill.
<u>Suidasia medanensis</u> Oud. (Acaridae):					
<u>Dianthus</u> sp. (flower)	England .....	.....	1	.....	Fla.
<u>Syagrius fulvitarisus</u> Pascoe (Curculionidae):					
<u>Cibotium</u> sp. (tree fern) log	Hawaii	1	.....	1	Calif.
<u>Sybra alternans</u> (Wied.)(Cerambycidae):					
<u>Alpinia purpurata</u> (red galangal)	...do.	1	.....	.....	Hawaii.
Flowers (mixed)	...do.	1	.....	.....	Hawaii.
<u>Leucaena leucocephala</u> (white-popinac lead-tree) pod.	...do.	1	.....	.....	Hawaii.
<u>Operculina tuberosa</u> (wood-rose)	...do.	1	.....	.....	Hawaii.
Orchid (plant)	...do. ....	.....	.....	1	Hawaii.
Plant material--unidentified (cuttings)	...do.	1	.....	.....	Hawaii.
<u>Synyrias diffundens</u> (Wlk.)(Noctuidae):					
Airplane	Colombia .....	.....	1	.....	Fla.
<u>Taeniothrips atratus</u> (Hal.)(Thripidae):					
<u>Aster</u> sp. (flower)	England .....	.....	1	.....	N. Y.
<u>Calluna vulgaris</u> (heather)	Denmark, England, Scotland.	6	.....	.....	N. Y.
<u>Centaurea cyanus</u> (cornflower)	Germany .....	.....	1	.....	N. Y.
<u>Chrysanthemum</u> sp. (flower)	England, Europe (country(?)), unknown.	.....	16	.....	N. Y.
<u>Dahlia</u> sp. (leaf and stem)	England	1	.....	.....	N. Y.
<u>Dianthus caryophyllus</u> (carnation)	Czechoslovakia, England, Italy, Poland.	9	5	.....	N. Y., Wash.
Flowers (mixed)	Denmark, England, Europe (country(?)), Ireland.	7	1		N. Y., Wash.
<u>Freesia</u> sp. (flower)	Denmark	1			N. Y.
<u>Gladiolus</u> sp. (flower)	Poland	1			N. Y.

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<u>Taeniothrips atratus</u> --Continued					
<u>Lathyrus odoratus</u> (sweetpea).....	Ireland	1			N. Y.
<u>Lavandula</u> sp. (lavender).....	England.....	1	.....	.....	N. Y.
<u>Liatris scariosa</u> (tall gayfeather).....	...do.....	.....	1	.....	Wash.
<u>Mentha</u> sp. (mint).....	Italy	1	.....	.....	N. Y.
<u>Rosa</u> sp. (rose) flower.....	Ireland, Sweden, Switzerland, unknown.	2	2	.....	N. Y.
<u>Taeniothrips dianthi</u> Pr. (Thripidae):					
<u>Dianthus caryophyllus</u> (carnation).....	Poland.....	1	.....	.....	N. Y.
<u>Taeniothrips ericae</u> (Hal.) (Thripidae):					
<u>Calluna vulgaris</u> (heather) flower	England, Germany, Scotland.	7	.....	.....	N. Y.
<u>Erica</u> sp. (heath).....	Canada .....	.....	.....	1	Wash.
<u>Taeniothrips eucharii</u> (Whetzel) (Thripidae):					
<u>Lycoris radiata</u> (shorttube lycoris).....	Japan .....	.....	1	.....	Pa.
<u>L. squamigera</u> (autumn lycoris) bulb.....	...do.....	.....	.....	2	Wash.
<u>Lycoris</u> sp. (bulb).....	...do.....	.....	.....	5	Calif., N. C., N. Y.
<u>Taeniothrips hawaiiensis</u> (Morg.) (Thripidae):					
<u>Chrysanthemum</u> sp. (flower).....	...do.....	.....	1	.....	Wash.
<u>Gardenia jasminoides</u> (flower).....	Hawaii.....	59	.....	.....	Hawaii.
<u>Plumeria rubra</u> (Mexican frangipani).....	...do.....	1	.....	.....	Hawaii.
<u>Polianthes tuberosa</u> (tuberosa).....	...do.....	1	.....	.....	Hawaii.
<u>Talponia batesi</u> Hein. (Olethreutidae):					
<u>Annona cherimola</u> (cherimoya).....	Mexico	2	.....	.....	Tex.
<u>Talurus rugosus</u> (Jac.) (Chrysomelidae):					
Airplane	Nicaragua.....	2	.....	.....	Fla., P. R.
" <u>Targionia</u> " <u>hartii</u> (Ckll.) (Coccidae):					
<u>Zingiber officinale</u> (ginger).....	Fiji, Philippines..	30	3	.....	Calif., Hawaii.
<u>Teleogryllus mitratus</u> (Burm.) (Gryllidae):					
Airplane	Philippines, unknown.	.....	2	.....	Hawaii.
<u>Tenthecoris confusus</u> Hsiao & Sailer (Miridae):					
Orchid (plant).....	El Salvador, Mexico.	.....	.....	2	Fla., Tex.
<u>Tenthecoris distinctus</u> Hsiao & Sailer (Miridae):					
Orchid (plant).....	Brazil, Guatemala.	.....	.....	2	N. Y., Tex.
<u>Tenthecoris exitiosus</u> (Dist.) (Miridae):					
Orchid (plant).....	Colombia	1	.....	.....	Fla.
<u>Tenuipalpus japonicus</u> Nishio (Tenuipalpidae):					
<u>Diospyros kaki</u> (kaki persimmon).....	Japan .....	.....	4	.....	Wash.
<u>Tetraleurodes aucubae</u> (Kuw.) (Aleyrodidae):					
<u>Citrus aurantium</u> (sour orange).....	...do.....	.....	1	.....	Calif.
<u>C. reticulata</u> (Mandarin orange)	...do.....	.....	2	.....	Calif.
<u>Tetranychus viennensis</u> Zacher (Tetranychidae):					
<u>Malus sylvestris</u> (apple).....	Korea, Japan, Spain, Union of Soviet Socialist Republics.	4	5	.....	Hawaii, N. Y., Oreg., P. R., Wash.
<u>Tetropium fuscum</u> (F.) (Cerambycidae):					
Cargo hold (of ship)	Japan, unknown...	2	.....	.....	Fla., Md.
<u>Theba pisana</u> (Müller) (Helicidae):					
<u>Althaea rosea</u> (hollyhock) seed.....	United Arab Republic.	.....	.....	1	D. C.
Automobile	Morocco.....	1	.....	.....	S. C.
Baggage (snails as such).....	Italy	4	.....	.....	Mass., N. Y.
Cargo.....	Azores, France, Greece, Italy, Libya, Morocco, Spain, Turkey, unknown.	47			Ala., Del., La., Mich., N. C., N. Y., S. C., Va.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Theba pisana</u> --Continued					
<u>Cedrus</u> sp. (cedar) seed	United Arab Republic.			1	D. C.
Soil with <u>Hyacinthus</u> sp. (bulb).....	Italy .....	.....	1	.....	N. C.
<u>Tropaeolum</u> sp. (nasturtium) seed	United Arab Republic.	.....	.....	2	D. C.
<u>Theba virgata</u> (Müller)(Helicidae):					
Cargo.....	Italy	1	.....	.....	Ohio.
<u>Thrips angusticeps</u> Uzel (Thripidae):					
<u>Chrysanthemum</u> sp. (flower).....	England.....	.....	1	.....	Wash.
<u>Lactuca sativa</u> (lettuce).....	Portugal, Spain...	.....	2	.....	Mass.
<u>Matthiola</u> sp. (stock) flower.....	England.....	.....	1	.....	N. Y.
<u>Thrips flavus</u> Schrank (Thripidae):					
Flowers (<u>Bellis perennis</u> , <u>Calluna vulgaris</u> , <u>Chrysanthemum</u> sp., <u>Dianthus caryo-</u> <u>phyllus</u> , <u>Fuchsia</u> sp., <u>Rosa</u> sp., and <u>Tagetes</u> sp.).	Czechoslovakia, England, Europe (country(?)), France, Germany, Hungary, Ireland, Netherlands, Norway, Poland, Switzerland.	18	23	.....	N. Y., Wash.
Seed--unidentified.....	Scotland .....	.....	.....	1	N. Y.
<u>Thrips imuginis</u> Bgn. (Thripidae):					
<u>Telopea speciosissima</u> (crimson waratah)...	Australia	2	.....	.....	Hawaii.
<u>Thrips major</u> Uzel (Thripidae):					
Flowers (<u>Bellis</u> sp., <u>Liatrix scariosa</u> , and <u>Rosa</u> sp.).	England, Finland .	4	2	.....	N. Y., Wash.
<u>Thrips pillichi</u> Pr. (Thripidae):					
<u>Dianthus caryophyllus</u> (carnation).....	England.....	.....	1	.....	Wash.
Flowers (mixed)	...do.....	.....	3	.....	Wash.
<u>Tipula scripta</u> Mg. (Tipulidae):					
Airplane	Germany(?).....	1	.....	.....	N. J.
Plant--unidentified (moss)	Iceland .....	.....	.....	1	N. Y.
<u>Tortrix excessana</u> (Wlk.)(Tortricidae):					
<u>Malus sylvestris</u> (apple)	New Zealand	2	.....	.....	Hawaii.
<u>Trialeurodes similis</u> Rsl. (Aleyrodidae):					
<u>Psidium guajava</u> (guava) leaf	Mexico	1	.....	.....	Tex.
<u>Trichia hispida</u> (L.)(Helicellidae):					
<u>Amorpha fruticosa</u> (indigobush amorpha) seed.	Italy	1	.....	.....	N. J.
<u>Buxus sempervirens</u> (boxwood) seed.....	...do.....	.....	.....	1	N. J.
Cargo.....	England, France..	3	.....	.....	Del., La.
<u>Chrysanthemum</u> sp.	Unknown.....	1	.....	.....	Hawaii.
<u>Cotinus coggygia</u> (common smoketree) seed	Italy .....	.....	.....	2	N. J.
<u>Laburnum</u> sp.....	...do.....	1	.....	.....	Ill.
<u>Rosa</u> sp. (plant).....	Belgium .....	.....	.....	1	N. Y.
Soil with <u>Cotoneaster</u> sp., <u>Iris</u> sp., and <u>Juniperus</u> sp. (plants).	England, Germany, Ireland.	.....	.....	3	Mass., N. J.
<u>Trichia ponentina</u> (Morelet)(?) (Helicellidae):					
Soil with <u>Vitis</u> sp. (grape) plant.....	Italy .....	.....	.....	1	N. Y.
<u>Trichia striolata</u> (Pfeiffer)(Helicellidae):					
<u>Cotinus coggygia</u> (common smoketree) seed	...do.....	.....	.....	2	N. J.
Flowers (mixed)	Ireland	1	.....	.....	N. Y.
<u>Helleborus foetidus</u> (bearsfoot hellebore) seed.	Italy .....	.....	.....	1	N. J.
Soil with <u>Cotoneaster</u> sp. (plant).....	Ireland .....	.....	.....	1	Mass.
<u>Veratrum nigrum</u> (black falsehellebore) seed	Germany.....			1	Ohio.
<u>Trilophidia annulata</u> (Thunb.)(Acrididae):					
Airplane	Japan.....	1			Calif.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Trioza anceps</u> Tuth. (Psyllidae):					
<u>Persea americana</u> (avocado) leaf.....	Mexico	1			Tex.
<u>Trogoderma granarium</u> Everts (Dermestidae):					
<u>Acacia senegal</u> (gum arabic and gum hashabi).	Iran, Sudan, unknown.	39	.....	.....	Mass., N.C., N.Y., Tex.
<u>Apium graveolens</u> var. <u>dulce</u> (celery) seed..	India	5	.....	.....	Calif., N.Y.
<u>Arachis hypogaea</u> (peanut).....	Unknown.....	1	.....	.....	Md.
<u>Astragalus gummifer</u> (gum tragacanth)	Iran.....	2	.....	.....	N.Y.
Baggage (cases of personal effects)	India	1	.....	.....	Calif.
Bagging (including used burlap and wrappers on beeswax, brassware, coir yarn, cotton piece goods, crude rubber, goat skins, rugs, sago seed, senna bark, and various food products).	Ceylon, Formosa, Ghana, Hong Kong, India, Indonesia, Iran, Iraq, Ivory Coast, Lebanon, Malaysia, Netherlands, Pakistan, Sudan, Syria, unknown.	61	10	.....	Calif., Ga., Mass., Md., N.Y., Oreg., Pa., S.C., Va., Wash.
<u>Bixa orellana</u> (anatto-tree) seed	India	3	.....	.....	Md., Pa.
<u>Cajanus cajan</u> (pigeonpea).....	do.....	.....	7	.....	Calif., Ga., Pa., Wash.
Cargo.....	India, Iraq, Pakistan, Sudan, Syria, unknown.	17	.....	.....	Calif., Mich., N.Y., Pa., S.C., Va.
Cargo hold (of ship)	India, Iraq, Japan, Pakistan, Syria, unknown.	72	.....	.....	Calif., Ill., La., Mass., Md., Mich. N.C., N.Y., Oreg. Pa., S.C., Tex., Va., Wash.
<u>Castanea</u> sp. (chestnut).....	Unknown.....	.....	1	.....	Pa.
<u>Cicer arietinum</u> (chickpea).....	India, unknown ...	1	1	.....	Md., Wash.
<u>Cinnamomum</u> sp. (cinnamon) bark	Seychelles	1	.....	.....	N.Y.
<u>Citrus aurantifolia</u> (lime) dried.....	Iran.....	1	.....	.....	N.Y.
<u>Coffea</u> sp. (coffee)	Guinea, India, Ivory Coast.	5	.....	.....	Calif., N.Y.
<u>Coriandrum sativum</u> (coriander) seed	India.....	.....	1	.....	Md.
<u>Cucumis</u> sp. (seed).....	Iraq.....	1	.....	.....	Ill.
<u>Cuminum cyminum</u> (cumin) seed.....	Cyprus, India, Iran, Malaysia, Syria.	12	.....	.....	Calif., N.Y., Tex.
<u>Cyamopsis tetragonoloba</u> (guar gum)	India, Pakistan...	14	.....	.....	Ga., N.Y., Pa., S.C.
Debris	India, Japan, Netherlands, unknown.	6	1	.....	Calif., La., N.Y., Pa., Tex.
<u>Foeniculum vulgare</u> (fennel) seed.....	India	1	.....	.....	Calif.
Food (miscellaneous dry food).....	do.....	2	.....	.....	Mass., N.Y.
<u>Gossypium</u> sp. (cottonseed and raw cotton) .	Burma, Iran	2	.....	.....	Ga., N.Y.
Gum kordofan.....	Sudan.....	1	.....	.....	N.Y.
<u>Lens culinaris</u> (lentil)	Unknown.....	.....	1	.....	Calif.
<u>Manihot esculenta</u> (common cassava).....	Malaysia.....	6	.....	.....	Tex.
<u>Oryza sativa</u> (rice).....	Formosa, Hong Kong, India, Iran, Malaysia, Pakistan, Thailand, unknown.	2	26	.....	Calif., Fla., Ga., Hawaii, Ill., Mass., Md., N.C., N.Y., Ohio, Pa., S.C., Tex., Va., Wash.
<u>Phaseolus vulgaris</u> (bean).....	Netherlands, unknown.	1	2		Md., Tex.
<u>Piper nigrum</u> (black pepper).....	India, Malaysia, unknown.	4	1		Pa., Tex.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Trogoderma granarium</u> --Continued					
<u>Pistacia</u> sp. (pistache) nut	Iran	1			N. Y.
<u>Pisum sativum</u> (pea) dried	Unknown .....	.....	1	.....	Fla.
<u>Plantago psyllium</u> (husk)	India	1	.....	.....	N. Y.
<u>Prunus amygdalus</u> (almond)	Iran	1	.....	.....	Tex.
<u>Sterculia urens</u> (gum karaya)	India, United Arab Republic.	11	.....	.....	N. Y.
Stores (on storeroom floor and shelves and with dry stores).	Formosa, India, Japan, Korea, Malaysia, Pakistan, unknown.	.....	24	.....	Calif., Fla., Hawaii, Md., N. Y., Oreg., Pa., S. C., Tex., Wash.
<u>Tamarindus indica</u> (tamarind) seed powder..	India	3	.....	.....	Ga., Oreg.
<u>Terminalia</u> sp. (myrabolan) nut	do.	5	.....	.....	Md., S. C.
<u>Theobroma cacao</u> (cacao) bean	Ivory coast, Nigeria.	8	.....	.....	Mass., Pa., Wis.
<u>Zea mays</u> (corn)	Mexico	1	.....	.....	Tex.
<u>Trogoxylon prostomoides</u> (Gorh.) (Lyctidae):					
Mail (wrapper of parcel)	Hawaii	1	.....	.....	Hawaii.
Wood (kitchen stool)	Unknown	1	.....	.....	Va.
<u>Tydeus kochi</u> Oud. (Tydeidae):					
<u>Calluna vulgaris</u> (heather)	England	2	.....	.....	Fla.
<u>Chrysanthemum</u> sp. (plant)	Argentina .....	.....	.....	1	Fla.
<u>Citrus</u> sp. (plant)	Venezuela .....	.....	.....	1	Fla.
<u>Dianthus</u> sp. (flower)	Nicaragua, Panama.	.....	3	.....	Fla.
<u>Malus sylvestris</u> (apple)	England .....	.....	1	.....	Wash.
<u>Orchid</u> (flower)	Panama .....	.....	1	.....	Fla.
<u>Rosa</u> sp. (rose) flower	Brazil .....	.....	1	.....	Fla.
<u>Ulopa reticulata</u> (F.) (Cicadellidae):					
<u>Calluna vulgaris</u> (heather)	Denmark, Germany.	2	.....	.....	N. Y.
<u>Unachionaspis tenuis</u> (Mask.) (Coccidae):					
<u>Bambusa</u> sp. (bamboo)	Japan	1	.....	.....	Hawaii.
<u>Unaspis yanonensis</u> (Kuw.) (Coccidae):					
<u>Citrus aurantifolia</u> (lime)	do.	1	3	.....	Calif., Hawaii.
<u>C. aurantium</u> (sour orange)	do. ....	.....	24	.....	Calif., Hawaii, Wash.
<u>C. grandis</u> (pummelo)	do. ....	.....	3	.....	Hawaii, Oreg.
<u>C. ichangensis</u> X <u>C. reticulata</u> (ichandarin).	do. ....	.....	1	.....	Calif.
<u>C. limon</u> (lemon)	Australia, Japan.	.....	16	.....	Calif., Hawaii, Oreg., Wash.
<u>C. paradisi</u> (grapefruit)	Japan	4	13	.....	Calif., Hawaii, N. Y., Oreg.
<u>C. paradisi</u> X <u>C. reticulata</u> (tangelo)	do. ....	.....	3	.....	Hawaii.
<u>C. reticulata</u> (Mandarin orange)	Hong Kong, Japan, Okinawa.	51	155	.....	Calif., Hawaii, Oreg., Pa., Wash.
<u>C. sinensis</u> (sweet orange)	Japan	9	126	.....	Calif., Hawaii, N. Y., Oreg., Wash.
<u>Citrus</u> sp.	do.	2	12	.....	Hawaii.
<u>Fortunella</u> sp.	do. ....	.....	1	.....	Hawaii.
<u>Veronicella moreleti</u> (Crosse & Fischer) (Veronicellidae):					
<u>Manihot esculenta</u> (common cassava) stem ..	Costa Rica	1	.....	.....	Fla.
<u>Vinsonia stellifera</u> (Westw.) (Coccidae):					
Baggage	Jamaica	1	.....	.....	Fla.
<u>Broughtonia sanguinea</u> (orchid)	do.			1	Fla.
<u>Broughtonia</u> sp. (orchid) leaf	do.	1		11	Fla.

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		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Vinsonia stellifera</u> --Continued					
<u>Epidendrum nocturnum</u> (orchid) leaf.....	Canal Zone.....			1	Fla.
<u>Epidendrum</u> sp. (leaf).....	Dominican Republic.	1	.....	.....	Fla.
<u>Gardenia jasminoides</u>	Canal Zone.....	.....	.....	1	Fla.
<u>Ionopsis</u> sp. (orchid) leaf	Puerto Rico.....	.....	.....	1	Fla.
<u>Ixora</u> sp. (leaf)	Panama.....	1	.....	.....	Fla.
Leaf--unidentified.....	Dominican Republic.	1	.....	.....	Fla.
<u>Oncidium luridum</u> (orchid)	Jamaica .....	.....	.....	2	Fla.
<u>O. papilio</u> (butterfly orchid).....	Colombia .....	.....	.....	1	Fla.
<u>Oncidium</u> sp. (orchid) leaf	Jamaica .....	.....	.....	1	Fla.
Orchid.....	Bahamas, Brazil, British Guiana, British Honduras, Canal Zone, Colombia, Costa Rica, Dominica, Dominican Republic, Guatemala, Jamaica, Panama, Surinam, Trinidad, Venezuela.	11	.....	23	Fla.
<u>Phaius</u> sp. (orchid).....	Jamaica .....	.....	.....	1	Fla.
<u>Xenocassis amoena</u> Boh. (Chrysomelidae):					
<u>Chamaedorea</u> sp. (palm) frond.....	Mexico	2	.....	.....	Tex.
<u>Xiphidiopsis lita</u> Heb. (Tettigoniidae):					
<u>Strelitzia reginae</u>	Hawaii.....	1	.....	.....	Hawaii.
<u>Xylion inflaticauda</u> Lesne (Bostrichidae):					
Wood (packing board).....	Republic of the Congo.	1	.....	.....	Md.
<u>Xylobiops parilis</u> Lesne (Bostrichidae):					
<u>Buddleia wrightii</u> (stem)	Mexico .....	.....	.....	1	Ariz.
<u>Xylomeira torquata</u> (F.)(Bostrichidae):					
Airplane	Unknown .....	.....	1	.....	Fla.
<u>Xyloperthella crinitarsis</u> (Imh.)(Bostrichidae):					
Wood (packing board).....	Republic of the Congo.	3	.....	.....	Md.
<u>Xyloperthella picea</u> (Ol.)(Bostrichidae):					
Wood (packing board).....	Republic of Congo, Republic of the Congo.	4	.....	.....	Md.
<u>Xyloperthodes nitidipennis</u> (Murray) (Bostrichidae):					
Wood (packing board).....	Republic of the Congo.	1	.....	.....	Md.
<u>Xylothrips religiosus</u> (Boisd.)(Bostrichidae):					
<u>Samanea saman</u> (raintree saman) log.....	Hawaii.....	1	.....	.....	Calif.
<u>Xystrocera globosa</u> (Ol.)(Cerambycidae):					
Airplane	Hawaii, Okinawa..	1	1	.....	Hawaii.
Baggage.....	Hawaii.....	1	.....	.....	Hawaii.
<u>Zanclopteryx punctiferata</u> Prt. (Geometridae):					
Airplane	Mexico	1	.....	.....	Tex.

PLANT QUARANTINE DIVISION

Hosts and Insects

- ACACIA:
Caryedon gonagra (Coleoptera)
Helicella trochoides (Mollusca)
Trogoderma granarium (Coleoptera)
- ACALYPHA:
Campylenchia hastata (Homoptera)
- AGAVE:
Batrachedra linaria (Lepidoptera)
- AGLAONEMA:
Aspidiotus destructor (Homoptera)
- ALLIUM FISTULOSUM:
Phytobia cepae (Diptera)
- ALLIUM PORRUM:
Acrolepia assectella (Lepidoptera)
- ALLIUM SATIVUM:
Brachycerus algirus (Coleoptera)
Dyspessa ulula (Lepidoptera)
Nysius helveticus (Hemiptera)
Orgyia dubia (Lepidoptera)
- ALOE:
Aleophagus myersi (Homoptera)
- ALPINIA:
Achatina fulica (Mollusca)
Adoretus sinicus (Coleoptera)
Bradybaena similaris (Mollusca)
Orchidophilus aterrimus (Coleoptera)
Pentalonia nigronervosa (Homoptera)
Sybra alternans (Coleoptera)
- ALTHAEA:
Theba pisana (Mollusca)
- ALYXIA:
Ceroplastes rubens (Homoptera)
- AMORPHA:
Trichia hispida (Mollusca)
- ANACARDIUM:
Anastrepha mombinpraeoptans (Diptera)
- ANANAS:
Draeculacephala clypeata (Homoptera)
Galgupha punctifer (Hemiptera)
Nasutitermes nigriceps (Diptera)
Pheidole megacephala (Hymenoptera)
Platoeceticus symmicta (Lepidoptera)
Sisamnes contractus (Hemiptera)
- ANNONA:
Anastrepha mombinpraeoptans (Diptera)
Bephrata maculicollis (Hymenoptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Talponia batesi (Lepidoptera)
- ANTHEMIS:
Sterrhia iniquinata (Lepidoptera)
- ANTHURIUM:
Achaea janata (Lepidoptera)
Adoretus sinicus (Coleoptera)
Bradybaena similaris (Mollusca)
Ceroplastes rubens (Homoptera)
Conoderus exsul (Coleoptera)
Haplothrips gowdeyi (Thysanoptera)
- APIUM:
Euleia heraclei(?) (Diptera)
Mamestra brassicae (Lepidoptera)
Trogoderma granarium (Coleoptera)
- ARACHIS:
Caryedon gonagra (Coleoptera)
Trogoderma granarium (Coleoptera)
- ARAUCARIA:
Neophyllaphis araucariae (Homoptera)
- ARCTIUM:
Ostrinia nubilalis (Lepidoptera)
- ARECA:
Aspidiotus destructor (Homoptera)
- ASPARAGUS:
Helicella cretica (Mollusca)
- ASTER:
Taeniothrips atratus (Thysanoptera)
- ASTRAGALUS:
Trogoderma granarium (Coleoptera)
- AVERRHOA:
Dacus dorsalis (Diptera)
- BAMBOO:
Dinoderus japonicus (Coleoptera)
D. ocellaris (Coleoptera)
Eucalendra setulosa (Coleoptera)
- BAMBUSA:
Myocalandra exarata (Coleoptera)
Unachionaspis tenuis (Homoptera)
- BANKSIA:
Arotrophora arcuatalis (Lepidoptera)
Bruchus diversipes (Coleoptera)
- BELLIS:
Thrips flavus (Thysanoptera)
T. major (Thysanoptera)
- BETA:
Gnorimoschema ocellatella (Lepidoptera)
- BIXA:
Trogoderma granarium (Coleoptera)
- BRASSAVOLA:
Galgupha punctifer (Hemiptera)
- BRASSICA CHINENSIS:
Helicella maritima (Mollusca)
- BRASSICA OLERACEA VAR. ACEPHALA:
Mamestra brassicae (Lepidoptera)
- BRASSICA OLERACEA VAR. BOTRYTIS:
Helix aperta (Mollusca)
Mamestra brassicae (Lepidoptera)
Otala vermiculata (Mollusca)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Psylliodes chrysocephala (Coleoptera)
- BRASSICA OLERACEA VAR. CAPITATA:
Aleyrodes brassicae (Homoptera)
Evergestis forficalis (Lepidoptera)
Helicella conspurcata (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
Mamestra brassicae (Lepidoptera)
Otala vermiculata (Mollusca)
Oulema gallaeciana (Coleoptera)
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
- BRASSICA RAPA:
Phytomyza rufipes (Diptera)
Pieris brassicae (Lepidoptera)
Psylliodes chrysocephala (Homoptera)
- BRASSICA SP.:
Lygus punctatus (Hemiptera)
- BROMELIAD:
Arocera protea (Hemiptera)
Bulimulus dysoni (Mollusca)
Eustrophinus marginatus (Coleoptera)
Galgupha punctifer (Hemiptera)
Lygaeus pulchellus (Hemiptera)
Ogdoecosta catenulata (Coleoptera)
Oplomus pulchra (Hemiptera)
Ozophora concava (Hemiptera)
Pachygrontha oedancalodes (Hemiptera)
Pheidole megacephala (Hymenoptera)
- BROUGHTONIA:
Vinsonia stellifera (Homoptera)
- BUDDLEIA:
Xylobiops parilis (Coleoptera)
- BUXUS:
Cochlicella ventrosa (Mollusca)
Helicella variabilis (Mollusca)
Monacha carthusiana (Mollusca)
Trichia hispida (Mollusca)

CAJANUS:

Acanthoscelides armitagei (Coleoptera)
Ancylostomia stercorea (Lepidoptera)
Callosobruchus phaseoli (Coleoptera)
Fundella pellucens (Lepidoptera)
Maruca testulalis (Lepidoptera)
Sphenarches caffer (Lepidoptera)
Trogoderma granarium (Coleoptera)

CALLUNA:

Aphis callunae (Homoptera)
Frankliniella intonsa (Thysanoptera)
Gelechia ericetella (Lepidoptera)
Kleidocerys truncatulus (Hemiptera)
Orthotylus ericetorum (Hemiptera)
Rhinocola ericae (Homoptera)
Taeniothrips atratus (Thysanoptera)
T. ericae (Thysanoptera)
Thrips flavus (Thysanoptera)
Tydeus kochi (Acarina)
Ulopa reticulata (Homoptera)

CALOCARPUM:

Anastrepha mombinpraeoptans (Diptera)
Dacus dorsalis (Diptera)

CALOPHYLLUM:

Ceratitis capitata (Diptera)

CANAVALLIA:

Maruca testulalis (Lepidoptera)

CAPSICUM:

Ceratitis capitata (Diptera)
Gnorimoschema gudmannella (Lepidoptera)
Liocoris tripustulatus (Hemiptera)
Ostrinia nubilalis (Lepidoptera)

CARICA:

Ceratitis capitata (Diptera)
Chrysomphalus umboniferus (Homoptera)
Dacus dorsalis (Diptera)

CASIMIROA:

Anastrepha ludens (Diptera)

CASSIA:

Caryedon gonagra (Coleoptera)
Sinoxylon conigerum (Coleoptera)

CASTANEA:

Curculio elephas (Coleoptera)
Eurydema herbaceum (Hemiptera)
Hemimene juliana (Lepidoptera)
Laspeyresia splendana (Lepidoptera)
Trogoderma granarium (Coleoptera)

CATTLEYA:

Orchidophilus aterrimus (Coleoptera)

CEDRUS:

Theba pisana (Mollusca)

CENTAUREA:

Frankliniella intonsa (Thysanoptera)
Taeniothrips atratus (Thysanoptera)

CEPHALOTAXUS:

Aspidiotus cryptomeriae (Homoptera)

CERATONIA:

Sphincterochila boissieri (Mollusca)

CHAENOMELES:

Morganella longispina (Homoptera)
Pseudococcus kraunhiae (Homoptera)

CHAMAEDOREA:

Charidotis seminulum (Coleoptera)
Ctenochira cumulata (Coleoptera)
Helicina chrysocheila (Mollusca)
H. zephyrina (Mollusca)
Ogdoecosta catenulata (Coleoptera)
Parisoschoenus flavolimbatus (Coleoptera)
Xanocassis amoena (Coleoptera)

CHRYSANTHEMUM:

Chaetocnema ectypa (Coleoptera)
Chrysodeixis chalcites (Lepidoptera)
Conotelus mexicanus (Coleoptera)
Frankliniella formosae (Thysanoptera)

Frankliniella intonsa (Thysanoptera)
Mamestra brassicae (Lepidoptera)
Taeniothrips atratus (Thysanoptera)
T. hawaiiensis (Thysanoptera)
Thrips angusticeps (Thysanoptera)
T. flavus (Thysanoptera)
Trichia hispida (Mollusca)
Tydeus kochi (Acarina)

CHRYSOPHYLLUM:

Anastrepha serpentina (Diptera)

CIBOTIUM:

Athesapeuta cyperi (Coleoptera)
Dryophthorus insignis (Coleoptera)
D. modestus (Coleoptera)
D. pusillus (Coleoptera)
Pheidole megacephala (Hymenoptera)
Stenotrupis prolixa (Coleoptera)
Syagrius fulvitaris (Coleoptera)

CICER:

Ancylostomia stercorea (Lepidoptera)
Bruchus emarginatus (Coleoptera)
Callosobruchus analis (Coleoptera)
C. phaseoli (Coleoptera)
Trogoderma granarium (Coleoptera)

CICORIUM:

Phytomyza rufipes (Diptera)

CINNAMOMUM:

Trogoderma granarium (Coleoptera)

CIRSIUM:

Acanthophilus eluta (?) (Diptera)

CITRUS AURANTIFOLIA:

Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Aonidiella inornata (Homoptera)
Chrysomphalus albopictus (Homoptera)
C. personatus (Homoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Trogoderma granarium (Coleoptera)
Unaspis yanonensis (Homoptera)

CITRUS AURANTIUM:

Anastrepha ludens (Diptera)
Melormenis antillarum (Homoptera)
Pachycoris fabricii (Hemiptera)
Tetraleurodes aucubae (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS GRANDIS:

Ceratitis capitata (Diptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS ICHANGENSIS X C. RETICULATA:

Unaspis yanonensis (Homoptera)

CITRUS LIMON:

Brevipalpus chilensis (Acarina)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudonidia trilobitiformis (Homoptera)
Unaspis yanonensis (Homoptera)

CITRUS MITIS:

Parlatoria zizyphus (Homoptera)

CITRUS PARADISI:

Aleurocanthus woglumi (Homoptera)
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Helicella maritima (Mollusca)

PLANT QUARANTINE DIVISION

Hosts and Insects--Continued

- CITRUS PARADISI--Continued
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS PARADISI X C. RETICULATA:
Unaspis yanonensis (Homoptera)
- CITRUS RETICULATA:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Tetraleurodes aucubae (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS SINENSIS:
Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Chrysomphalus personatus (Homoptera)
Cryptoblabes gnidiella (Lepidoptera)
Cryptophlebia leucotreta (Lepidoptera)
Lorryia formosa (Acarina)
Morganella longispina (Homoptera)
Parlatoria cinerea (Homoptera)
P. zizyphus (Homoptera)
Pseudaonidia trilobitiformis (Homoptera)
Unaspis yanonensis (Homoptera)
- CITRUS SP.:
Aleurocanthus woglumi (Homoptera)
Parlatoria zizyphus (Homoptera)
Pheidole megacephala (Hymenoptera)
Tydeus kochi (Acarina)
Unaspis yanonensis (Homoptera)
- CLEMATIS:
Monacha carthusiana (Mollusca)
- CLEYERA:
Dialeurodes tristylis (Homoptera)
- COCOS:
Adoretus sinicus (Coleoptera)
Aonidiella inornata (Homoptera)
Aspidiotus destructor (Homoptera)
A. excisus (Homoptera)
Chrysomphalus personatus (Homoptera)
Diocalandra taitensis (Coleoptera)
Furcaspis oceanica (Homoptera)
Lepidosaphes esakii (Homoptera)
Pseudococcus oceanicus (Homoptera)
P. palmarum (Homoptera)
Sinoxylon conigerum (Coleoptera)
- COFFEA:
Acrago coa (Lepidoptera)
Ceratitis capitata (Diptera)
Coccus viridis (Homoptera)
Stephanoderes hampei (Coleoptera)
Trogoderma granarium (Coleoptera)
- COLA:
Ceratitis colae(?) (Diptera)
- COLOCASIA:
Pentalonia nigronervosa (Homoptera)
- CONVOLVULUS:
Spermophagus sericeus (Coleoptera)
- CORDYLINE:
Ceratitis capitata(?) (Diptera)
Pheidole megacephala (Hymenoptera)
- CORIANDRUM:
Trogoderma granarium (Coleoptera)
- CORNUS:
Aleurotrachelus jelinekii (Homoptera)
- CORYLUS:
Curculio nucum (Coleoptera)
- COTINUS:
Monacha carthusiana (Mollusca)
- Trichia hispida (Mollusca)
T. striolata (Mollusca)
- COTONEASTER:
Phagocarpus permundus(?) (Diptera)
- CRATAEGUS:
Elasmucha fieberi (Hemiptera)
- CUCUMIS:
Acanthoderes circumflexa (Coleoptera)
Amnestus bolivari (Hemiptera)
Dacus cucurbitae (Diptera)
Naupactus xanthographus (Coleoptera)
Oenopiella unidentata (Hemiptera)
Pachybrachius albocinctus (Hemiptera)
Trogoderma granarium (Coleoptera)
- CUCURBITA:
Dacus cucurbitae (Diptera)
- CUCURBITACEAE:
Diaphania indica (Lepidoptera)
- CUMINIUM:
Trogoderma granarium (Coleoptera)
- CUPRESSUS:
Callidium rufipenne (Coleoptera)
- CYAMOPSIS:
Trogoderma granarium (Coleoptera)
- CYCAD:
Reticulitermes speratus (Isoptera)
- CYDONIA:
Anastrepha ludens (Diptera)
A. serpentina (Diptera)
Ceratitis capitata (Diptera)
- CYMBIDIUM:
Siphanta acuta (Homoptera)
- CYNARA:
Gortyna flavago (Lepidoptera)
Helix aperta (Mollusca)
- CYTISUS:
Bruchidius debilis (Coleoptera)
- DAHLIA:
Taeniothrips atratus (Thysanoptera)
- DALBERGIA:
Heterotermes convexinotatus (Isoptera)
Nasutitermes corniger (Isoptera)
Pheidole megacephala (Hymenoptera)
- DAUCUS:
Phalonia zephyrana (Lepidoptera)
- DELONIX:
Elaphidion spinicorne (Coleoptera)
- DELPHINIUM:
Helix aspersa (Mollusca)
- DENDROBIUM:
Asterolecanium epidendri (Homoptera)
Diaxenes dendrobii (Coleoptera)
Orchidophilus aterrimus (Coleoptera)
- DIANTHUS:
Aphidura pujoli (Homoptera)
Frankliniella formosae (Thysanoptera)
F. intonsa (Thysanoptera)
Helicella conspurcata (Mollusca)
Suidasia medanensis (Orthoptera)
Taeniothrips atratus (Thysanoptera)
T. dianthi (Thysanoptera)
Thrips flavus (Thysanoptera)
T. pillichi (Thysanoptera)
Tydeus kochi (Acarina)
- DIOSPYROS:
Ceratitis capitata (Diptera)
Tenuipalpus japonicus (Acarina)
- DOLICHOS:
Callosobruchus phaseoli (Coleoptera)
- ECHINODORUS:
Ataenius tenebrosus (Coleoptera)
- EPIDENDRUM:
Vinsonia stellifera (Homoptera)
- ERICA:
Taeniothrips ericae (Thysanoptera)

Hosts and Insects--Continued

- ERIOBOTRYA:
 Ceratitis capitata (?) (Diptera)
- EUCALYPTUS:
 Chrysomphalus rubribullatus (Homoptera)
- EUGENIA:
 Anastrepha mombinpraeoptans (Diptera)
 A. suspensa (Diptera)
 Sinoxylon conigerum (Coleoptera)
- FAGUS:
 Mikiola fagi (Diptera)
- FICUS:
 Cadra calidella (Lepidoptera)
 Ceratitis capitata (Diptera)
 Scobicia chevrieri (Coleoptera)
 Sinoxylon sexdentatum (Coleoptera)
- FOENICULUM:
 Trogoderma granarium (Coleoptera)
- FORTUNELLA:
 Ceratitis capitata (Diptera)
 Unaspis yanonensis (Homoptera)
- FRAGARIA:
 Pheidole megacephala (Hymenoptera)
 Scolopostethus affinis (Hemiptera)
- FREESIA:
 Taeniothrips atratus (Thysanoptera)
- FUCHSIA:
 Thrips flavus (Thysanoptera)
- GARDENIA:
 Coccus viridis (Homoptera)
 Conotelus mexicanus (Coleoptera)
 Dialeurodes kirkaldyi (Homoptera)
 Frankliniella formosae (Thysanoptera)
 Pachybrachius pacificus (Hemiptera)
 Taeniothrips hawaiiensis (Thysanoptera)
 Vinsonia stellifera (Homoptera)
- GENTIANA:
 Stenoptilia stigmatodactyla (Lepidoptera)
- GINKGO:
 Lepidosaphes kuwacola (Homoptera)
- GLADIOLUS:
 Frankliniella intonsa (Thysanoptera)
 Ostrinia nubilalis (Lepidoptera)
 Taeniothrips atratus (Thysanoptera)
- GOMPHRENA:
 Aonidiella inornata (Homoptera)
- GOSSYPIUM:
 Oxycarenus hyalinipennis (Hemiptera)
 Pectinophora gossypiella (Lepidoptera)
 Trogoderma granarium (Coleoptera)
- HELLEBORUS:
 Trichia striolata (Mollusca)
- HIBISCUS:
 Conotelus mexicanus (Coleoptera)
 Monacha carthusiana (Mollusca)
 Pectinophora gossypiella (Lepidoptera)
 Pheidole megacephala (Hymenoptera)
 Pyrrhocoris apterus (Hemiptera)
- HUMULUS:
 Cochlicella barbara (Mollusca)
 Helicella caperata (Mollusca)
 Helix aperta (Mollusca)
- IONOPSIS:
 Vinsonia stellifera (Homoptera)
- IPOMOEA:
 Busseola fusca (Lepidoptera)
 Cylas formicarius elegantulus (Coleoptera)
 C. puncticollis (Coleoptera)
 Euscepes postfasciatus (Coleoptera)
 Megacerus alternatus (Coleoptera)
- IKORA:
 Vinsonia stellifera (Homoptera)
- JASMINUM:
 Aonidiella inornata (Homoptera)
 Dialeurodes kirkaldyi (Homoptera)
- Parlatoria cinerea (Homoptera)
- KHAYA:
 Apate monachus (Coleoptera)
- LABURNUM:
 Cochlicella ventrosa (Mollusca)
 Helicella conspurcata (Mollusca)
 Trichia hispida (Mollusca)
- LACTUCA:
 Chrysodeixis chalcites (Lepidoptera)
 Conotelus mexicanus (Coleoptera)
 Helicella cretica (Mollusca)
 Helix aperta (Mollusca)
 Mamestra brassicae (Lepidoptera)
 Phytomyza rufipes (Diptera)
 Thrips angusticeps (Thysanoptera)
- LAELIA:
 Dendrocoris variegatus (Hemiptera)
- LANSIUM:
 Pseudococcus lilacinus (Homoptera)
- LANTANA:
 Corythaica carinata (Hemiptera)
- LATHYRUS:
 Bruchus emarginatus (Coleoptera)
 B. tristiculus (Coleoptera)
 B. tristis (Coleoptera)
 Helicella caperata (Mollusca)
 Monacha carthusiana (Mollusca)
 Taeniothrips atratus (Thysanoptera)
- LAURUS:
 Dialeurodes tristylis (Homoptera)
- LAVANDULA:
 Taeniothrips atratus (Thysanoptera)
- LENS:
 Bruchus ervi (Coleoptera)
 B. lentis (Coleoptera)
 B. signaticornis (Coleoptera)
 B. tristiculus (Coleoptera)
 B. tristis (Coleoptera)
 Trogoderma granarium (Coleoptera)
- LEUCAENA:
 Megacerus alternatus (Coleoptera)
 Sybra alternans (Coleoptera)
- LIATRIS:
 Taeniothrips atratus (Thysanoptera)
 Thrips major (Thysanoptera)
- LITCHI:
 Cryptophlebia ombrodelta (Lepidoptera)
- LUPINUS:
 Bruchus tristis (Coleoptera)
- LYCOPERSICON:
 Ceratitis capitata (?) (Diptera)
 Dacus cucurbitae (Diptera)
 Lygaeus teapensis (Hemiptera)
 Neoleucinodes elegantalis (Lepidoptera)
 Ostrinia nubilalis (Lepidoptera)
 Pheidole megacephala (Hymenoptera)
- LYCORIS:
 Taeniothrips eucharii (Thysanoptera)
- MALUS:
 Anastrepha ludens (Diptera)
 Carposina niponensis (Lepidoptera)
 Cenopalpus pulcher (Acarina)
 Ceratitis capitata (Diptera)
 Epiphyas postvittana (Lepidoptera)
 Helicella variabilis (Mollusca)
 Tetranychus viennensis (Acarina)
 Tortrix excessana (Lepidoptera)
 Tydeus kochi (Acarina)
- MANGIFERA:
 Anastrepha ludens (Diptera)
 A. mombinpraeoptans (Diptera)
 Aulacaspis tubercularis (Homoptera)
 Ceratitis capitata (Diptera)

- MANGIFERA--Continued
Dacus dorsalis (Diptera)
Stenodontes exsertus (Coleoptera)
Sternonchetus mangiferae (Coleoptera)
- MANIHOT:
Trogoderma granarium (Coleoptera)
Veronicella moreleti (Mollusca)
- MATTHIOLA:
Thrips angusticeps (Thysanoptera)
- MENTHA:
Helicella conspurcata (Mollusca)
Ovatus crataegarius (Homoptera)
Puto mexicanus (Homoptera)
Taeniothrips atratus (Thysanoptera)
- MESPILUS:
Ceratitis capitata (Diptera)
- MIRABILIS:
Chondrula tridens (Mollusca)
- MUSA:
Aspidiotus destructor (Homoptera)
A. excisus (Homoptera)
Dacus dorsalis (Diptera)
Helicina denticulata (Mollusca)
Metamasius hemipterus sericeus (Coleoptera)
- NARCISUS:
Norellia longipennis (Diptera)
- NELUMBIUM:
Minthea rugicollis (Coleoptera)
- NEPHTHYTIS:
Neela eucosmus (Hemiptera)
- OLEA:
Dacus oleae (Diptera)
Prays oleellus (Lepidoptera)
- ONCIDIUM:
Pseudischnaspis alienus (Homoptera)
Vinsonia stellifera (Homoptera)
- OPERCULINA:
Sybra alternans (Coleoptera)
- OPUNTIA:
Ceratitis capitata (Diptera)
- ORCHID:
Anchastus flavovittatus (Coleoptera)
Archimerus scutellaris (Hemiptera)
Asterolecanium pallidum (Homoptera)
Bradybaena similaris (Mollusca)
Brevipalpus oncidii (Acarina)
Capaneus tetricus (Hemiptera)
Chrysodeixis chalcites (Lepidoptera)
Chrysomphalus albopictus (Homoptera)
C. umboniferus (Homoptera)
Conotelus mexicanus (Coleoptera)
Cryphula apicata (Hemiptera)
C. fasciata (Hemiptera)
Eustrophinus marginatus (Coleoptera)
Exptochiomera confusa (Hemiptera)
Galgupha punctifer (Hemiptera)
Genaparlatoria pseudaspidiotus (Homoptera)
Helicina dysoni (Mollusca)
H. zephyrina (Mollusca)
Iridomyrmex iniquus (Hymenoptera)
Lygaeus circumplicatus (Hemiptera)
Macropygum reticulare (Hemiptera)
Mesomphix caduca (Mollusca)
Mormidea collaris (Hemiptera)
Myodocha giraffa (Hemiptera)
Nasutitermes corniger (Diptera)
N. costalis (Diptera)
N. nigriceps (Diptera)
Orchidophilus aterrimus (Coleoptera)
Oxyblepta limbatipennis (Orthoptera)
Pachybrachius globiceps (Hemiptera)
Pangaeus docilis (Hemiptera)
- Pheidole megacephala (Hymenoptera)
Puto ulter (Homoptera)
Schasicheila bahamensis (Mollusca)
Siphanta acuta (Homoptera)
Sybra alternans (Coleoptera)
Tenthecoris confusus (Hemiptera)
T. distinctus (Hemiptera)
T. exitiosus (Hemiptera)
Tydeus kochi (Acarina)
Vinsonia stellifera (Homoptera)
- ORYZA:
Chilo suppressalis (Lepidoptera)
Trogoderma granarium (Coleoptera)
- PALM:
Aonidiella inornata (Homoptera)
Sinoxylon conigerum (Coleoptera)
- PANICUM:
Ostrinia nubilalis (Lepidoptera)
- PASSIFLORA:
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
- PELARGONIUM:
Helicella maritima (Mollusca)
- PEPEROMIA:
Ceroplastes rubens (Homoptera)
- PERSEA:
Aulacaspis tubercularis (Homoptera)
Conotrachelus aguacatae (Coleoptera)
C. perseae (Coleoptera)
Dacus dorsalis (Diptera)
Pagiocerus frontalis (Coleoptera)
Stenoma catenifer (Lepidoptera)
Trioza anceps (Homoptera)
- PETROSELINUM:
Euleia heraclei (?) (Diptera)
Helicina strebeli (Mollusca)
Helix aperta (Mollusca)
- PHAIUS:
Vinsonia stellifera (Homoptera)
- PHALAEENOPSIS:
Mertila malayensis (Hemiptera)
- PHASEOLUS:
Bruchus ervi (Coleoptera)
B. lentis (Coleoptera)
Callosobruchus analis (Coleoptera)
Cochlicella barbara (Mollusca)
Epinotia aporema (Lepidoptera)
Lampides boeticus (Lepidoptera)
Maruca testulalis (Lepidoptera)
Matsumuraes phaseoli (Lepidoptera)
Ostrinia nubilalis (Lepidoptera)
Trogoderma granarium (Coleoptera)
- PHRAGMITES:
Chilo luteellus (Lepidoptera)
- PICEA:
Ernobius abietis (Coleoptera)
Laspeyresia strobilella (Lepidoptera)
Plemeliella abietina (Diptera)
- PINUS:
Callidium rufipenne (Coleoptera)
Dichocrocis punctiferalis (Lepidoptera)
Dryocoetes autographus (Coleoptera)
Hylurgops palliatus (Coleoptera)
Hylurgus ligniperda (Coleoptera)
Pineus harukawai (Homoptera)
Pityogenes chalcographus (Coleoptera)
Sirex noctilio (Hymenoptera)
- PIPER:
Aonidiella inornata (Homoptera)
Trogoderma granarium (Coleoptera)
- PISTACIA:
Acrosternum millieri (Hemiptera)

Hosts and Insects--Continued

PISTACIA--Continued

Megastigmus pistaciae (Hymenoptera)
Schneidereria pistaciella (Lepidoptera)
Trogoderma granarium (Coleoptera)

PISUM:

Callosobruchus analis (Coleoptera)
Caryedon gonagra (Coleoptera)
Lampides boeticus (Lepidoptera)
Pheidole megacephala (Hymenoptera)
Trogoderma granarium (Coleoptera)

PLANTAGO:

Trogoderma granarium (Coleoptera)

PLUMERIA:

Aspidiotus herculeanus (Homoptera)
Conotelus mexicanus (Coleoptera)
Dialeurodes kirkaldyi (Homoptera)
Taeniothrips hawaiiensis (Thysanoptera)

POINCIANA:

Cryptophlebia ombrodelta (Lepidoptera)

POLIANTHES:

Taeniothrips hawaiiensis (Thysanoptera)

PRIORIA:

Platypus rugulosus (Coleoptera)

PRUNUS AMYGDALUS:

Monosteira unicastata (Hemiptera)
Trogoderma granarium (Coleoptera)

PRUNUS ARMENIACA:

Dacus dorsalis (Diptera)

PRUNUS CERASUS:

Rhagoletis cerasi (Diptera)

PRUNUS DOMESTICA:

Ceratitis capitata (Diptera)

PRUNUS PERSICA:

Anastrepha ludens (Diptera)
Blissus diplopterus (Hemiptera)
Ceratitis capitata (Diptera)
Oxycarenus hyalinipennis (Hemiptera)

PRUNUS SP. (cherry):

Rhagoletis cerasi (Diptera)

PRUNUS SP.:

Ceratitis capitata (Diptera)

PSIDIUM:

Anastrepha mombinpraeoptans (Diptera)
A. striata (Diptera)
Ceratitis capitata (Diptera)
Dacus dorsalis (Diptera)
Trialeurodes similis (Homoptera)

PUNICA:

Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)
Cryptoblabes gnidiella (Lepidoptera)
Eurydema ornatum (Hemiptera)

PYRUS:

Anastrepha ludens (Diptera)
Ceratitis capitata (Diptera)

QUERCUS:

Callidium rufipenne (Coleoptera)
Callirhytis glandium (Hymenoptera)
Laspeyresia splendana (Lepidoptera)

RAPHANUS:

Phyllotreta cruciferae (Coleoptera)
Phytomyza rufipes (Diptera)

RHIZOPHORA:

Aspidiotus herculeanus (Homoptera)
Melanaspis ponderosa (Homoptera)

ROSA:

Ardis sulcata (Hymenoptera)
Arge ochropus (Hymenoptera)
Cladius pectinicornis (Hymenoptera)
Endelomyia aethiops (Hymenoptera)
Eotetranychus carpini (Acarina)
Frankliniella intonsa (Thysanoptera)
Plagiognathus arbustorum (Hemiptera)
Taeniothrips atratus (Thysanoptera)

Thrips flavus (Thysanoptera)

T. major (Thysanoptera)

Trichia hispida (Mollusca)

Tydeus kochi (Acarina)

ROSMARINUS:

Cenopalpus pterinus (Acarina)

RUBUS:

Asterobemisla carpini (Homoptera)

SACCHARUM:

Chilo loftini (Lepidoptera)
Heterotermes convexinotatus (Isoptera)
Pheidole megacephala (Hymenoptera)

SAMANEA:

Xylothrips religiosus (Coleoptera)

SCHOMBURGKIA:

Nasutitermes guayanae (Diptera)

SESBANIA:

Cryptophlebia ombrodelta (Lepidoptera)
Dacus cucurbitae (Diptera)

SOIL:

Achatina fulica (Mollusca)
Bradybaena similis (Mollusca)
Cochlicella barbara (Mollusca)
C. ventrosa (Mollusca)
Coptotermes testaceus (Isoptera)
Helicella caperata (Mollusca)
H. conspurcata (Mollusca)
H. cretica (Mollusca)
Helix aspersa (Mollusca)
Monacha carthusiana (Mollusca)
Pheidole megacephala (Hymenoptera)
Theba pisana (Mollusca)
Trichia hispida (Mollusca)
T. ponentina (?) (Mollusca)
T. striolata (Mollusca)

SOLANUM INTEGRIFOLIUM:

Leucinodes orbonalis (Lepidoptera)

SOLANUM MELONGENA:

Leucinodes orbonalis (Lepidoptera)

SOLANUM QUITOENSE:

Neoleucinodes elegantalis (Lepidoptera)

SOLANUM TUBEROSUM:

Gnorimoschema gudmannella (Lepidoptera)

SOLANUM SP.:

Leucinodes orbonalis (Lepidoptera)

SORBUS:

Ceratitis capitata (Diptera)

SORGHUM:

Ostrinia nubilalis (Lepidoptera)
Sesamia cretica (Lepidoptera)

SPATHODEA:

Perkinsiella saccharicida (Homoptera)

SPONDIAS:

Anastrepha mombinpraeoptans (Diptera)
Micrapate mexicana (Coleoptera)

STERCULIA:

Carpophilus maculatus (Coleoptera)
Trogoderma granarium (Coleoptera)

STRELITZIA:

Bradybaena similis (Mollusca)
Siphanta acuta (Homoptera)
Xiphidiopsis lita (Orthoptera)

SWIETENIA:

Sinoxylon conigerum (Coleoptera)

SYNSEPALUM:

Ceratitis capitata (Diptera)

SYRINGA:

Cochlicella ventrosa (Mollusca)

TAGETES:

Frankliniella intonsa (Thysanoptera)
Thrips flavus (Thysanoptera)

TAMARINDUS:

Caryedon gonagra (Coleoptera)
Cryptophlebia ombrodelta (Lepidoptera)

Hosts and Insects--Continued

TAMARINDUS--Continued

Trogoderma granarium (Coleoptera)

TELOPEA:

Thrips imaginis (Thysanoptera)

TERMINALLA:

Anastrepha mombinpraeoptans (Diptera)Ceratitis capitata (Diptera)Dacus dorsalis (Diptera)Trogoderma granarium (Coleoptera)

THEOBROMA:

Pseudococcus lilacinus (Homoptera)Trogoderma granarium (Coleoptera)

TRITICUM:

Lepyronia coleoptrata (Homoptera)

TROPAEOLUM:

Theba pisana (Mollusca)

VANDA:

Bradybaena similis (Mollusca)Conoderus exsul (Coleoptera)Conotelus mexicanus (Coleoptera)Genaparlatoria pseudaspidiotus (Homoptera)Nysius caledoniae (Hemiptera)N. kingbergi (Hemiptera)Orchidophilus aterrimus (Coleoptera)

VERATRUM:

Trichia striolata (Mollusca)

VICIA:

Bruchidius meleagrinus (Coleoptera)Bruchus azoricus (Coleoptera)B. rufipes (Coleoptera)B. rufipes luteicornis (Coleoptera)Bruchus tristiculus (Coleoptera)Helicella conspurcata (Mollusca)H. maritima (Mollusca)H. variabilis (Mollusca)

VIOLA:

Dasyneura affinis (Diptera)

VITIS:

Brachycarenum tigrinus (Homoptera)Dolycoris baccarum (Hemiptera)Phlyctinus callosus (Coleoptera)

ZAMIA:

Heterotermes convexinotatus (Isoptera)

ZEA:

Moodna bisinuella (Lepidoptera)Ostrinia nubilalis (Lepidoptera)Pagiocerus frontalis (Coleoptera)Trogoderma granarium (Coleoptera)

ZINGIBER:

Aspidiotus destructor (Homoptera)Pentalonia nigronervosa (Homoptera)Pheidole megacephala (Hymenoptera)Pileocera pseudadelpha (Lepidoptera)Pseudococcus citriculus (Homoptera)"Targionia" hartii (Homoptera)

ZINNIA:

Conotelus mexicanus (Coleoptera)

ZIZYPHUS:

Carpomyia incompleta (Diptera)

ZOYSIA:

Achatina fulica (Mollusca)Haplothrips gowdeyi (Thysanoptera)

Hosts Unknown

AIRPLANE:

Adoretus sinicus (Coleoptera)Aethus indicus (Hemiptera)Agrotis repleta (Lepidoptera)Agrotisia subhyalina (Lepidoptera)Alkindus atratus (Hemiptera)Anastrepha mombinpraeoptans (Diptera)Amyna punctum (Lepidoptera)Anomala orientalis (Coleoptera)Anua triphaenoides (Lepidoptera)Argidia wedelina (Lepidoptera)Arugisa porrectalis (Lepidoptera)Asota lacteata (Lepidoptera)Azeta versicolor (Lepidoptera)Blenina lichenosa (?) (Lepidoptera)Bruchidius cinerascens (Coleoptera)Ceresa vitulus (Homoptera)Chabora nealcesalis (Lepidoptera)Chalciope hyppasia (Lepidoptera)Colaspis inconspicua (?) (Coleoptera)C. submetallica (?) (Coleoptera)Diabrotica speciosa (Coleoptera)Diaphania lucidalis (Lepidoptera)Draeculacephala clypeata (Homoptera)Dysdercus mimulus (Hemiptera)Elousa albicans (Lepidoptera)Euphoria basalis (Coleoptera)Euproctis varians (Lepidoptera)Euxoa bilitura (Lepidoptera)E. spinifera (Lepidoptera)Glyphodes annulata (Lepidoptera)Gnaphalocrocis medinalis (Lepidoptera)Graminella punctata (Homoptera)Hapalia eupalusalis (Lepidoptera)Helicella derbentina (Mollusca)Leptocorixa acuta (Hemiptera)Leptysma mexicana (Orthoptera)Leucania formosana (Lepidoptera)L. insecuta (Lepidoptera)L. pryeri (Lepidoptera)Liogenys macropelma (Coleoptera)Locusta migratoria (Orthoptera)Lygaeus pandurus (Hemiptera)Maruca testulalis (Lepidoptera)Melampus faber (Hemiptera)Mniothripa lichenigera (Lepidoptera)Mocis frugalis (Lepidoptera)Monosteira unicastata (Hemiptera)Mumetopia nigrimana (Diptera)Myodocha intermedia (Hemiptera)Nasutitermes rippertii (Diptera)Nephotettix apicalis (Homoptera)N. cincticeps (Homoptera)Oxyodes scrobiculata (Lepidoptera)Pachybrachius nietneri (Hemiptera)Parastichtis monoglypha (Lepidoptera)Paromius piratoides (?) (Hemiptera)Phurys immunis (Lepidoptera)Pieris brassicae (Lepidoptera)Popillia lewisi (Coleoptera)Prodenia litura (Lepidoptera)Pseudaletia separata (Lepidoptera)Pterolophia camura (Coleoptera)Pyrausta insignitalis (Lepidoptera)Rhaphigaster nebulosa (Hemiptera)Rhynchobapta flaviceps (Lepidoptera)Schoenobius incertulas (Lepidoptera)Selenis suero (Lepidoptera)Spilomela perspicata (Lepidoptera)Spodoptera pecten (Lepidoptera)Stenodontes bituberculata (Coleoptera)Synyrias diffundens (Lepidoptera)

Hosts Unknown--Continued

AIRPLANE--Continued

Talurus rugosus (Coleoptera)
Teleogryllus mitratus (Orthoptera)
Tipula scripta (Diptera)
Trilophidia annulata (Orthoptera)
Xylomeira torquata (Coleoptera)
Xystrocera globosa (Coleoptera)
Zanclopteryx punctiferata (Lepidoptera)

QUATIC PLANT:

Aleurodicus iridescens (Homoptera)

AUTOMOBILE:

Cochlicella barbara (Mollusca)
C. conoidea (Mollusca)
C. ventrosa (Mollusca)
Helicella caperata (Mollusca)
Helix aspersa (Mollusca)
Opeas pyrgula (Mollusca)
Theba pisana (Mollusca)

BAGGAGE:

Achatina fulica (Mollusca)
Adoretus sinicus (Coleoptera)
Bruchus ervi (Coleoptera)
Callosobruchus phaseoli (Coleoptera)
Chrysolina menthastri (Coleoptera)
Cryptotermes brevis (Isoptera)
Dynastes centaurus (Coleoptera)
Elasmolomus v-album (Hemiptera)
Helicella maritima (Mollusca)
Helix aperta (Mollusca)
H. aspersa (Mollusca)
H. pomatia (Mollusca)
Laspeyresia splendana (Lepidoptera)
Mamestra brassicae (Lepidoptera)
Melolontha melolontha (Coleoptera)
Ogdocoستا biannularis (Coleoptera)
Otala vermiculata (Mollusca)
Patanga japonica (Orthoptera)
Rhagoletis cerasi (Diptera)
Spodoptera mauritia acronyctoides (Lepidoptera)
Theba pisana (Mollusca)
Trogoderma granarium (Coleoptera)
Vinsonia stellifera (Homoptera)
Xystrocera globosa (Coleoptera)

BAGGING:

Trogoderma granarium (Coleoptera)

BEAN:

Callosobruchus phaseoli (Coleoptera)
Pheidole megacephala (Hymenoptera)

CARDBOARD:

Coptotermes formosanus (Isoptera)
Cryptotermes brevis (Isoptera)
Platyedra vilella (Lepidoptera)
Sinoxylon conigerum (Coleoptera)

CARGO:

Achatina fulica (Mollusca)
Aeneolamia varia ssp. saccharina (Homoptera)
Amphimallon solstitialis (Coleoptera)
Arianta arbustorum (Mollusca)
Arocera protea (Hemiptera)
Callidium rufipenne (Coleoptera)
Caryedon gonagra (Coleoptera)
Cocconotus wheeleri (Orthoptera)
Cochlicella barbara (Mollusca)
C. conoidea (Mollusca)
C. ventrosa (Mollusca)
Conibosa occidentis (?) (Hemiptera)
Conoderus rufangulus (Coleoptera)
Coptotermes niger (Isoptera)
Cyrtionota tristigma (Coleoptera)
Darnoides brunneus (Homoptera)

Diaprepes famelicus (Coleoptera)

Eurydema ornatum (Hemiptera)

Helicella caperata (Mollusca)

H. cretica (Mollusca)

H. derbentina (Mollusca)

H. explanata (Mollusca)

H. itala (Mollusca)

H. maritima (Mollusca)

H. protea (Mollusca)

H. pyramidata (Mollusca)

H. trochoidea (Mollusca)

H. variabilis (Mollusca)

H. virgata (Mollusca)

Helicina convexa (Mollusca)

Helix aspersa (Mollusca)

H. lucorum (Mollusca)

Heterogaster urticae (Hemiptera)

Lamia textor (Coleoptera)

Lygaeus persimilis (Hemiptera)

Macropygium reticulare (Hemiptera)

Maruca testulalis (Lepidoptera)

Megalogyllus molinai (Orthoptera)

Melolontha melolontha (Coleoptera)

Monacha cantiana (Mollusca)

M. carthusiana (Mollusca)

M. olivieri (Mollusca)

Nephotettix apicalis (Homoptera)

Nezara viridula var. torquata (Hemiptera)

Nymphula badiosalis (Lepidoptera)

Osmilia flavolineata (Orthoptera)

Ostrinia nubilalis (Lepidoptera)

Otala lactea (Mollusca)

O. vermiculata (Mollusca)

Pangaeus aethiops (Hemiptera)

Paulinia acuminata (Orthoptera)

Pheidole megacephala (Hymenoptera)

Pieris brassicae (Lepidoptera)

Popillia lewisi (Coleoptera)

Pyrrhidium sanguineum (Lepidoptera)

Rhaphigaster nebulosa (Hemiptera)

Scaptocoris minor (Hemiptera)

Schoenobius incertulas (Lepidoptera)

Tetropium fuscum (Coleoptera)

Theba pisana (Mollusca)

T. virgata (Mollusca)

Trichia hispida (Mollusca)

Trogoderma granarium (Coleoptera)

DEBRIS:

Heterobostrychus aequalis (Coleoptera)

Neoclytus acuminatus (Coleoptera)

Trogoderma granarium (Coleoptera)

FERN:

Aeoloderma agnatus (Coleoptera)

Bradybaena similaris (Mollusca)

FLOWERS:

Conotelus mexicanus (Coleoptera)

Cryptotermes brevis (Isoptera)

Frankliniella intonsa (Thysanoptera)

Haplothrips gowdeyi (Thysanoptera)

Helix aspersa (Mollusca)

Macrolophus nubilis (Hemiptera)

Mamestra brassicae (Lepidoptera)

Microplax plagiata (Hemiptera)

Pentalonia nigronervosa (Homoptera)

Sybra alternans (Coleoptera)

Taeniothrips atratus (Thysanoptera)

Thrips flavus (Thysanoptera)

T. pillichii (Thysanoptera)

Trichia striolata (Mollusca)

PLANT QUARANTINE DIVISION

Hosts Unknown--Continued

FOOD:

Trogoderma granarium (Coleoptera)

GRASS:

Minthea rugicollis (Coleoptera)Sinoxylon sexdentatum (Coleoptera)

GUM KORDOFAN:

Trogoderma granarium (Coleoptera)

HERB:

Dolycoris baccarum (Hemiptera)Helicella caperata (Mollusca)Helix aspersa (Mollusca)

LEAF--UNIDENTIFIED:

Vinsonia stellifera (Homoptera)

MAIL:

Carpophilus maculatus (Coleoptera)Chrysodeixis chalcites (Lepidoptera)Coptotermes formosanus (Isoptera)Dacus dorsalis (Diptera)Helix pomatia (Mollusca)Rhaphigaster nebulosa (Hemiptera)Trogoxylon prostomoides (Coleoptera)

NUT:

Araecorynus cumingi (Coleoptera)

PACKING MATERIAL:

Callidium rufipenne (Coleoptera)Nezara viridula var. hepatica (Hemiptera)N. viridula var. torquata (Hemiptera)Sehirus biguttatus (Hemiptera)

PLANT--UNIDENTIFIED:

Geotomus pygmaeus (Hemiptera)Lygaeus circumplicatus (Hemiptera)Tipula scripta (Diptera)

PLANT MATERIAL:

Calyptocephala nigricornis (Coleoptera)Megacerus alternatus (Coleoptera)Melanaspis ponderosa (Homoptera)Melaphis chinensis (Homoptera)Ogdoecosta biannularis (Coleoptera)Pheidole megacephala (Hymenoptera)Simodactylus cinnamomeus (Coleoptera)Sybra alternans (Coleoptera)

QUARTERS:

Gynaikothrips ficorum (Thysanoptera)

RAILWAY CAR:

Dendrobias mandibularis (Coleoptera)Micrapate mexicana (Coleoptera)

SEED:

Acanthoscelides armitagei (Coleoptera)Araecorynus cumingi (Coleoptera)Caryedes germaini (Coleoptera)Caryedon gonagra (Coleoptera)Thrips flavus (Thysanoptera)

STORES:

Bradybaena despecta (Mollusca)Callosobruchus analis (Coleoptera)Caryedon gonagra (Coleoptera)Chilo suppressalis (Lepidoptera)Cochlicella ventrosa (Mollusca)Lygaeus pandurus (Hemiptera)Minthea rugicollis (Coleoptera)Pieris brassicae (Lepidoptera)Trogoderma granarium (Coleoptera)

STRAW:

Helicella conspurcata (Mollusca)Sesamia nonagroides (Lepidoptera)

VEGETABLE:

Adoretus sinicus (Coleoptera)

WOOD:

Aphanus rolandri (Hemiptera)Callidium rufipenne (Coleoptera)Cryptotermes brevis (Isoptera)Heterobostrychus aequalis (Coleoptera)H. brunneus (Coleoptera)Minthea reticulata (Coleoptera)M. rugicollis (Coleoptera)Neotermes chilensis (Isoptera)Pheidole megacephala (Hymenoptera)Pityogenes chalcographus (Coleoptera)Pyrrhidium sanguineum (Lepidoptera)Scolytus scolytus (Coleoptera)S. sulcifrons (Coleoptera)Sinoxylon anale (Coleoptera)S. conigerum (Coleoptera)Trogoxylon prostomoides (Coleoptera)Xylion inflaticauda (Coleoptera)Xyloperthella crinitarsis (Coleoptera)X. picea (Coleoptera)Xyloperthodes nitidipennis (Coleoptera)

Countries of Origin and Insects

AFRICA (country(?)):	<u>Phytomyza rufipes</u>
<u>Apate monachus</u>	<u>Trichia hispida</u>
<u>Parlatoria zizyphus</u>	BERMUDA:
<u>Sternochetus mangiferae</u>	<u>Diaprepes famelicus</u>
ALBANIA:	<u>Helicina convexa</u>
<u>Pectinophora gossypiella</u>	<u>Helix aspersa</u>
ALGERIA:	<u>Pheidole megacephala</u>
<u>Phytomyza rufipes</u>	BRAZIL:
AMERICAN SAMOA:	<u>Anastrepha mombinpraeoptans</u>
<u>Morganella longispina</u>	<u>Bradybaena similis</u>
<u>Parlatoria cinerea</u>	<u>Calyptocephala nigricornis</u>
<u>Pentalonia nigronervosa</u>	<u>Ceratitis capitata</u>
<u>Pheidole megacephala</u>	<u>Chrysomphalus personatus</u>
AMERICAN VIRGIN ISLANDS:	<u>Coptotermes testaceus</u>
<u>Anastrepha mombinpraeoptans</u>	<u>Darnoides brunneus</u>
<u>Caryedon gonagra</u>	<u>Heterotermes convexinotatus</u>
<u>Corythaica carinata</u>	<u>Lorryia formosa</u>
ANGOLA:	<u>Morganella longispina</u>
<u>Ceratitis capitata</u>	<u>Pangaeus aethiops</u>
<u>Maruca testulalis</u>	<u>Parlatoria cinerea</u>
ANGUILLA:	<u>P. zizyphus</u>
<u>Ancylostomia stercorea</u>	<u>Pseudaonidia trilobitiformis</u>
ANTIGUA:	<u>Stephanoderes hampei</u>
<u>Pectinophora gossypiella</u>	<u>Tenthecoris distinctus</u>
ARGENTINA:	<u>Tydeus kochi</u>
<u>Caryedes germaini</u>	<u>Vinsonia stellifera</u>
<u>Ceratitis capitata</u>	BRITISH GULANA:
<u>Pseudaonidia trilobitiformis</u>	<u>Vinsonia stellifera</u>
<u>Stenoma catenifer</u>	BRITISH HONDURAS:
<u>Tydeus kochi</u>	<u>Anastrepha mombinpraeoptans</u>
ARUBA:	<u>Galgupha punctifer</u>
<u>Fundella pellucens</u>	<u>Nasutitermes corniger</u>
AUSTRALIA:	<u>N. nigriceps</u>
<u>Arotrophora arcuatalis</u>	<u>Pheidole megacephala</u>
<u>Bruchus diversipes</u>	<u>Vinsonia stellifera</u>
<u>B. lentis</u>	BRITISH WEST INDIES (island(?)):
<u>Chrysomphalus rubribullatus</u>	<u>Pectinophora gossypiella</u>
<u>Siphanta acuta</u>	BURMA:
<u>Sternochetus mangiferae</u>	<u>Trogoderma granarium</u>
<u>Thrips imarginis</u>	CANADA:
<u>Unaspis yanonensis</u>	<u>Taeniothrips ericae</u>
AUSTRALIA(?):	CANADA(?):
<u>Pheidole megacephala</u>	<u>Bruchus lentis</u>
AUSTRIA:	CANAL ZONE:
<u>Bruchidius debilis</u>	<u>Acanthoscelides armitagei</u>
<u>Dolycoris baccarum</u>	<u>Ancylostomia stercorea</u>
<u>Elasmucha fieberi</u>	<u>Pentalonia nigronervosa</u>
<u>Plemeliella abietina</u>	<u>Puto ulter</u>
AZORES:	<u>Vinsonia stellifera</u>
<u>Bruchus azoricus</u>	CANARY ISLANDS:
<u>B. rufipes</u>	<u>Ceratitis capitata</u>
<u>Ceratitis capitata</u>	<u>Laspeyresia splendana</u>
<u>Cochlicella ventrosa</u>	CANTON ISLAND:
<u>Conoderus rufangulus</u>	<u>Nephotettix apicalis</u>
<u>Helicella maritima</u>	CAPE VERDE ISLANDS:
<u>Laspeyresia splendana</u>	<u>Callosobruchus phaseoli</u>
<u>Rhaphigaster nebulosa</u>	<u>Caryedon gonagra</u>
<u>Theba pisana</u>	CEYLON:
BAHAMAS:	<u>Trogoderma granarium</u>
<u>Ancylostomia stercorea</u>	CHILE:
<u>Bradybaena similis</u>	<u>Epinotia aporema</u>
<u>Cryptotermes brevis</u>	<u>Naupactus xanthographus</u>
<u>Nasutitermes rippertii</u>	<u>Neotermes chilensis</u>
<u>Pectinophora gossypiella</u>	<u>Oenopiella unidentata</u>
<u>Pheidole megacephala</u>	<u>Ovatus crataegarius</u>
<u>Schasicheila bahamensis</u>	COLOMBIA:
<u>Vinsonia stellifera</u>	<u>Agrotis repleta</u>
BAHAMAS(?):	<u>Aleurocanthus woglumi</u>
<u>Selenis suero</u>	<u>Arocera protea</u>
BARBADOS:	<u>Azeta versicolor</u>
<u>Callosobruchus phaseoli</u>	<u>Bephrata maculicollis</u>
<u>Fundella pellucens</u>	<u>Brevipalpus oncidii</u>
BELGIUM:	<u>Draeculaecephala clypeata</u>
<u>Evergestis forficulis</u>	

Countries of Origin and Insects--Continued

COLOMBIA--Continued

Maruca testulalis
Myodocha giraffa
Neoleucinodes elegantalis
Pagiocerus frontalis
Paulinia acuminata
Platypus rugulosus
Scaptocoris minor
Stenoma catenifer
Synnyrias diffundens
Tenthecoris exitiosus
Vinsonia stellifera

COSTA RICA:

Acrago coa
Aleurocanthus woglumi
Anastrepha mombinpraeoptans
Arugisa porrectalis
Aspidiotus destructor
Ceratitis capitata
Chrysomphalus personatus
C. umboniferus
Colaspis inconspicua(?)
C. submetallica(?)
Conotrachelus perseae
Graminella punctata
Macropygium reticulare
Melanaspis ponderosa
Pseudischnaspis alienus
Stenoma catenifer
Veronicella moreleti
Vinsonia stellifera

CRETE:

Cochlicella barbara
Dolycoris baccarum
Helicella caperata
H. cretica

CUBA:

Cylas formicarius elegantulus
Otala vermiculata

CYPRUS:

Trogoderma granarium

CZECHOSLOVAKIA:

Frankliniella intonsa
Taeniothrips atratus
Thrips flavus

DENMARK:

Chondrula tridens
Frankliniella intonsa
Hylurgops palliatus
Phytomyza rufipes
Plemeliella abietina
Taeniothrips atratus
Ulopa reticulata

DOMINICA:

Vinsonia stellifera

DOMINICAN REPUBLIC:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Carpophilus maculatus
Chabora nealcesalis
Cylas formicarius elegantulus
Euscepes postfasciatus
Gnorimoschema gudmannella
Graminella punctata
Maruca testulalis
Mumetopia nigrimana
Pectinophora gossypiella
Pheidole megacephala
Phurys immunis
Sphenarches caffer
Stenodontes bituberculata

Vinsonia stellifera

DOMINICAN REPUBLIC(?):
Elousa albicans

ECUADOR:

Ancylostomia stercorea
Aspidiotus destructor
A. excisus
Conibosa occidentis(?)
Draeculacephala clypeata
Eucalendra setulosa
Macropygium reticulare
Metamasius hemipterus sericeus
Osmilia flavolineata
Pachybrachius globiceps
Pagiocerus frontalis
Stenoma catenifer

EL SALVADOR:

Anastrepha mombinpraeoptans
Aspidiotus excisus
Aulacaspis tubercularis
Chrysomphalus umboniferus
Stenoma catenifer
Tenthecoris confusus

ENGLAND:

Callosobruchus analis
Endelomyia aethiops
Frankliniella intonsa
Helix aspersa
Kleidocerys truncatulus
Mamestra brassicae
Mikiola fagi
Monacha carthusiana
Orthotylus ericetorum
Phagocarpus permundus(?)
Phytomyza rufipes
Rhinocola ericae
Suidasia medanensis
Taeniothrips atratus
T. ericae
Thrips angusticeps
T. flavus
T. major
T. pillichi
Trichia hispida
Tydeus kochi

EUROPE (country(?)):

Ceratitis capitata
Frankliniella intonsa
Rhagoletis cerasi
Taeniothrips atratus
Thrips flavus

FIJI:

Diocalandra taitensis
Pheidole megacephala
Pileotocera pseudadelpha
"Targionia" hartii

FINLAND:

Thrips major

FORMOSA:

Heterobostrychus aequalis
Parlatoria cinerea
P. zizyphus
Trogoderma granarium

FRANCE:

Acrolepia assectella
Arianta arbustorum
Asterobemis carpini
Bruchus lentis
B. rufipes
Ceratitis capitata
Cochlicella barbara
Dacus oleae

Countries of Origin and Insects--Continued

FRANCE--Continued

Euleia heraclei(?)
Evergestis forficalis
Gortyna flavago
Helicella conspurcata
H. maritima
H. variabilis
Helix aperta
H. aspersa
Heterogaster urticae
Laspeyresia splendana
Mamestra brassicae
Melolontha melolontha
Monacha cantiana
Otala vermiculata
Oulema gallaeciana
Parlatoria zizyphus
Phalonia zephyrana
Pheidole megacephala
Phytomyza rufipes
Pieris brassicae
Psylliodes chrysocephala
Rhagoletis cerasi
Rhaphigaster nebulosa
Schneidereria pistaciella
Sehirus biguttatus
Theba pisana
Thrips flavus
Trichia hispida

GERMANY:

Acrolepia assectella
Amphimallon solstitialis
Ardis sulcata
Bradybaena similaris
Bruchus lentis
Cochlicella barbara
Dryocoetes autographus
Ernobius abietis
Frankliniella intonsa
Gelechia ericetella
Helicella caperata
Hylurgops palliatus
Laspeyresia splendana
Mamestra brassicae
Phytomyza rufipes
Rhagoletis cerasi
Scolopostethus affinis
Taeniothrips atratus
T. ericae
Thrips flavus
Trichia hispida
T. striolata
Ulopa reticulata

GERMANY(?):

Cochlicella ventrosa
Tipula scripta

GHANA:

Ceratitis capitata
Leucinodes orbonalis
Pectinophora gossypiella
Trogoderma granarium

GREECE:

Acanthophilus eluta(?)
Acrosternum millieri
Bruchus ervi
B. lentis
B. tristiculus
Cadra calidella
Ceratitis capitata
Cochlicella barbara

Cryptoblabes gnidiella
Curculio elephas
Eurydema ornatum
Helicella caperata
H. conspurcata
H. cretica
H. explanata
H. pyramidata
Helix aspersa
Laspeyresia splendana
Monacha carthusiana
Norellia longipennis
Otala vermiculata
Parlatoria zizyphus
Pieris brassicae
Psylliodes chrysocephala
Sesamia cretica
Theba pisana

GREECE(?):

Cochlicella conoidea

GRENADA:

Pectinophora gossypiella

GUAM:

Achatina fulica
Aonidiella inornata
Aspidiotus destructor
Genaparlatoria pseudaspidiotus
Mniothripa lichenigera
Pheidole megacephala

GUATEMALA:

Anastrepha ludens
A. mombinpraeoptans
A. striata
Anchastus flavovittatus
Arocera protea
Chrysomphalus umboniferus
Coptotermes niger
Gnorimoschema gudmannella
Iridomyrmex iniquus
Lygaeus circumplicatus
Micrapate mexicana
Moodna bisinuella
Parlatoria cinerea
Pheidole megacephala
Puto ulter
Stenomoma catenifer
Tenthecoris distinctus
Vinsonia stellifera

GUINEA:

Trogoderma granarium

HAITI:

Anastrepha mombinpraeoptans
Ancylostomia stercorea
Cylas formicarius elegantulus
Haplothrips gowdeyi
Helix aspersa
Pectinophora gossypiella

HAWAII:

Achaea janata
Achatina fulica
Adoretus sinicus
Aonidiella inornata
Araecocorynus cumingi
Aspidiotus herculeanus
Athesapeuta cyperi
Bradybaena similaris
Caryedon gonagra
Ceratitis capitata
Ceroplastes rubens
Chrysodeixis chalcites
Coccus viridis

Countries of Origin and Insects--Continued

HAWAII--Continued

Conoderus exsul
Conotelus mexicanus
Coptotermes formosanus
Cryptophlebia ombrodelta
Cryptotermes brevis
Dacus cucurbitae
D. dorsalis
Dialeurodes kirkaldyi
Diocalandra taitensis
Dryophthorus insignis
D. modestus
D. pusillus
Heterobostrychus aequalis
Maruca testulalis
Megacerus alternatus
Neophyllaphis araucariae
Nysius caledoniae
N. kingbergi
Opeas pyrgula
Orchidophilus aterrimus
Pachybrachius pacificus
Pectinophora gossypiella
Pentalonia nigronervosa
Perkinsiella saccharicida
Pheidole megacephala
Pseudococcus citriculus
P. oceanicus
P. palmarum
Simodactylus cinnamomeus
Sinoxylon conigerum
Siphanta acuta
Spodoptera mauritia acronyctoides
Stenotrupis prolixa
Sternochetus mangiferae
Syagrius fulvitarisus
Sybra alternans
Taeniothrips hawaiiensis
Trogoxylon prostomoides
Xiphidiopsis lita
Xylothrips religiosus
Xystrocera globosa

HONDURAS:

Acanthoderes circumflexa
Anastrepha mombinpraeoptans
Helicina denticulata
H. dysoni
Metamasius hemipterus sericeus
Parlatoria cinerea
Pheidole megacephala
Stenoma catenifer

HONG KONG:

Lampides boeticus
Minthea rugicollis
Parlatoria cinerea
P. zizyphus
Trogoderma granarium
Unaspis yanonensis

HUNGARY:

Ardis sulcata
Frankliniella intonsa
Liocoris tripustulatus
Rhagoletis cerasi
Thrips flavus

ICELAND:

Tipula scripta

INDIA:

Bruchus emarginatus
Callosobruchus analis
Carpophilus maculatus

Caryedon gonagra
Minthea reticulata
M. rugicollis
Myocalandra exarata
Nephotettix apicalis
Oxycarenus hyalinipennis
Sinoxylon conigerum
Sternochetus mangiferae
Trogoderma granarium

INDONESIA:

Parlatoria zizyphus
Sinoxylon anale
Trogoderma granarium

INDONESIA(?):

Callosobruchus analis

IRAN:

Trogoderma granarium

IRAQ:

Trogoderma granarium

IRELAND:

Cladius pectinicornis
Mamestra brassicae
Pieris brassicae
Taeniothrips atratus
Thrips flavus
Trichia hispida
T. striolata

IRELAND(?):

Parastichtis monoglypha

ISRAEL:

Ceratitis capitata
Cryptoblabes gnidiella
Dacus oleae
Helicella maritima
Monosteira unicostata
Phyllotreta cruciferae
Sphincterochila boissieri

ISRAEL(?):

Parlatoria zizyphus

ITALY:

Acrolepia assectella
Aleyrodes brassicae
Aphidura pujoli
Brachycarenus tigrinus
Brachycerus algirus
Bruchidius debilis
Bruchus emarginatus
B. ervi
B. lentis
B. signaticornis
B. tristiculus
B. tristis
Cenopalpus pterinus
Ceratitis capitata
Cochlicella barbara
C. ventrosa
Cryptoblabes gnidiella
Curculio elephas
C. nucum
Dacus oleae
Dasyneura affinis
Dyspessa ulula
Ernobius abietis
Eurydema herbaceum
E. ornatum
Frankliniella intonsa
Gnorimoschema ocellatella
Gortyna flavago
Helicella caperata
H. conspurcata
H. itala

ITALY--Continued

Helicella maritima
H. pyramidata
H. trochoides
H. variabilis
H. virgata
Helix aperta
H. aspersa
H. pomatia
Hemimene juliana
Hylurgus ligniperda
Laspeyresia splendana
L. strobilella
Lepyronia coleoptrata
Lygaeus pandurus
Macrolophus nubilis
Mamestra brassicae
Megastigmus pistaciae
Monacha carthusiana
Monosteira unicostata
Orgyia dubia
Ostrinia nubilalis
Otala vermiculata
Ovatus crataegarius
Parlatoria cinerea
P. zizyphus
Phalonia zephyrana
Pieris brassicae
Prays oleellus
Psylliodes chrysocephala
Pyrrhocoris apterus
Rhagoletis cerasi
Rhaphigaster nebulosa
Schneidereria pistaciella
Scobicia chevrieri
Scolytus scolytus
S. sulcifrons
Sinoxylon sexdentatum
Sirex noctilio
Spermophagus sericeus
Sterrha inquinata
Taeniothrips atratus
Theba pisana
T. virgata
Trichia hispida
T. ponentina(?)
T. striolata

ITALY(?):

Aleurotrachelus jelinekii

Lamia textor

IVORY COAST:

Maruca testulalis
Trogoderma granarium

JAMAICA:

Anastrepha mombinpraeotrans
Caryedon gonagra
Ceresa vitulus
Diaphania indica
Elaphidion spinicorne
Hapalia eupalusalis
Nasutitermes costalis
Pectinophora gossypiella
Sphenarches caffer
Vinsonia stellifera

JAPAN:

Acrolepia assectella
Adoretus sinicus
Aeoloderma agnatus
Anomala orientalis
Aonidiella inornata

Aspidiotus cryptomeriae
Bradybaena despecta
Callidium rufipenne
Carposina niponensis
Chilo luteellus
C. suppressalis
Chrysodeixis chalcites
Dialeurodes tristyli
Dichocrocis punctiferalis
Dinoderus japonicus
Frankliniella formosae
Haplothrips gowdeyi
Lampides boeticus
Lepidosaphes kuwacola
Lygaeus pandurus
Mamestra brassicae
Maruca testulalis
Matsumuraeses phaseoli
Morganella longispina
Nephotettix apicalis
Ostrinia nubilalis
Otala lactea
Parlatoria cinerea
P. zizyphus
Patanga japonica
Phytobia cepae
Pineus harukawai
Pseudococcus kraunhiae
Reticulitermes speratus
Spodoptera pecten
Taeniothrips eucharrii
T. hawaiiensis
Tenuipalpus japonicus
Tetraleurodes aucubae
Tetranychus viennensis
Tetropium fuscum
Trilophidia annulata
Trogoderma granarium
Unachionaspis tenuis
Unaspis yanonensis

KENYA:

Busseola fusca

KOREA:

Melaphis chinensis
Tetranychus viennensis
Trogoderma granarium

KWAJALEIN:

Furcaspis oceanica
Lepidosaphes esakii

LEBANON:

Bruchus ervi
B. lentis
Cenopalpus pulcher
Ceratitis capitata
Cochlicella ventrosa
Dacus oleae
Helicella cretica
Prays oleellus
Trogoderma granarium

LIBERIA:

Leucinodes orbonalis
Monacha carthusiana
Stephanoderes hampei

LIBYA:

Ceratitis capitata
Helicella maritima
H. pyramidata
Theba pisana

MALAYSIA:

Dacus dorsalis
Genaparlatoria pseudaspidiotus

PLANT QUARANTINE DIVISION

Countries of Origin and Insects--Continued

MALAYSIA--Continued

Mertila malayensis
Phytomyza rufipes
Trogoderma granarium

MARIANAS ISLANDS:

Aonidiella inornata

MARTINIQUE:

Anastrepha mombinpraeoptans

MEXICO:

Aleurocanthus woglumi
Amnestus bolivari
Anastrepha ludens
A. mombinpraeoptans
Anchastus flavovittatus
Archimerus scutellaris
Aspidiotus destructor
A. excisus
A. herculeanus
Aulacaspis tubercularis
Batrachedra linaria
Bephrata maculicollis
Bruchus lentis
Capaneus tetricus
Caryedon gonagra
Chaetocnema ectypa
Charidotis seminulum
Chrysomphalus albopictus
C. personatus
Conotelus mexicanus
Conotrachelus aguacatae
C. perseae
Cryphula apicata
C. fasciata
Ctenochira cumulata
Cyrtonota tristigma
Dendrobias mandibularis
Dendrocoris variegatus
Dysdercus mimulus
Eotetranychus carpini
Euphoria basalis
Eustrophinus marginatus
Exptochiamera confusa
Galgupha punctifer
Gnorimoschema gudmannella
Helicina chrysocheila
H. strebeli
H. zephyrina
Helix aspersa
Heterotermes convexinotatus
Leptysmia mexicana
Lygaeus circumplicatus
L. pulchellus
L. teapensis
Megacerus alternatus
Melanaspis ponderosa
Mesomphix caduca
Micrapate mexicana
Moodna bisinuella
Mormidea collaris
Nasutitermes nigriceps
Neella eucosmus
Neoleucinodes elegantalis
Ogdoecosta biannularis
O. catenulata
Opломus pulchra
Ovatus crataegarius
Ozophora concava
Pachybrachius albocinctus
Pachygrontha oedancalodes
Pagiocerus frontalis

Pangaeus docilis
Parisoschoenus flavolimbatus
Parlatoria cinerea
Pectinophora gossypiella
Platoeceticus symmicta
Puto mexicanus
Sisamnes contractus
Stenoma catenifer
Talponia batesi
Tenthecoris confusus
Trialeurodes similis
Trioza anceps
Trogoderma granarium
Xenocassia amoena
Xylobiops parilis
Zanclopteryx punctiferata

MOROCCO:

Aphanus rolandri
Bruchus lentis
B. tristiculus
Ceratitidis capitata
Cochlicella barbara
C. conoidea
C. ventrosa
Otala lactea
Parlatoria zizyphus
Theba pisana

NEPAL:

Dacus cucurbitae

NETHERLANDS:

Acrolepia assectella
Bruchus ervi
B. lentis
Chrysolina menthastris
Cochlicella barbara
Euleia heraclei(?)
Evergestis forficatus
Helicella caperata
Helix aperta
Lygus punctatus
Mamestra brassicae
Ostrinia nubilalis
Phytomyza rufipes
Pieris brassicae
Thrips flavus
Trogoderma granarium

NEVIS:

Ancylostoma stercorae

NEW ZEALAND:

Epiphyas postvittana
Tortrix excessana

NICARAGUA:

Aleurocanthus woglumi
Anastrepha mombinpraeoptans
A. serpentina
A. striata
Ceratitidis capitata
Parlatoria cinerea
Pyrausta insignitalis
Talurus rugosus
Tydeus kochi

NIGERIA:

Ceratitidis colae(?)
Leucinodes orbonalis
Trogoderma granarium

NORWAY:

Evergestis forficatus
Pityogenes chalcographus
Rhinocola ericae
Thrips flavus

OKINAWA:

Asota lacteata

Countries of Origin and Insects--Continued

OKINAWA--Continued

Leucania formosana
L. insecta
L. pryori
Locusta migratoria
Pachybrachius nietneri
Parlatoria zizyphus
Popillia lewisi
Prodenia litura
Pseudaletia separata
Unaspis yanonensis
Xystrocera globosa

OKINAWA(?):

Aethus indicus
Euproctis varians

PAKISTAN:

Heterobostrychus aequalis
Sinoxylon anale
S. conigerum
Trogoderma granarium

PANAMA:

Acanthoscelides armitagei
Agrotisia subhyalina
Aleurocanthus woglumi
Alkindus atratus
Ancylostomia stercorea
Cocconotus wheeleri
Cryphula fasciata
Draeculacephala clypeata
Metamasius hemipterus sericeus
Myodocha intermedia
Ostrinia nubilalis
Oxyblepta limbatipennis
Pagiocerus frontalis
Parlatoria cinerea
Stenoma catenifer
Tydeus kochi
Vinsonia stellifera

PERU:

Aleurodicus iridescens
Anastrepha serpentina
Ataenius tenebrosus
Bulimulus dysoni
Ceratitis capitata
Euscepes postfasciatus
Megalogyllus molinai
Nasutitermes corniger
Pagiocerus frontalis
Pangaeus docilis
Pentalonia nigronervosa
Stenoma catenifer

PHILIPPINES:

Achatina fulica
Aonidiella inornata
Aspidiotus destructor
Asterolecanium epidendri
A. pallidum
Callosobruchus analis
C. phaseoli
Caryedon gonagra
Cryptophlebia ommrodelta
Dacus dorsalis
Dinoderus ocellaris
Frankliniella formosae
Heterobostrychus aequalis
Nephotettix apicalis
Orchidophilus aterrimus
Parlatoria zizyphus
Pheidole megacephala
Pseudococcus lilacinus
P. palmarum

Pterolophia camura
Sternochetus mangiferae
"Targionia" hartii
Teleogryllus mitratus

POLAND:

Arge ochropus
Cladius pectinicornis
Endelomyia aethiops
Frankliniella intonsa
Rhagoletis cerasi
Taeniothrips atratus
T. dianthi
Thrips flavus

PORTUGAL:

Bruchus rufipes
B. rufipes luteicornis
B. tristiculus
Ceratitis capitata
Cochlicella ventrosa
Dacus oleae
Helicella conspurcata
Helix aspersa
Laspeyresia splendana
Mamestra brassicae
Nysius helveticus
Sesamia nonagriodes
Sinoxylon conigerum
Thrips angusticeps

PUERTO RICO:

Anastrepha mombinpraeoptans
A. suspensa
Ancylostomia stercorea
Aspidiotus destructor
Heterotermes convexinotatus
Maruca testulalis
Melormenis antillarum
Pachycoris fabricii
Stenodontes exsertus
Vinsonia stellifera

REPUBLIC OF CONGO:

Ceratitis capitata
Xyloperthella picea

REPUBLIC OF SOUTH AFRICA:

Aleophagus myersi
Blissus diplopterus
Ceratitis capitata
Cryptophlebia leucotreta
Oxycarenus hyalinipennis
Pheidole megacephala
Phlyctinus callosus

REPUBLIC OF THE CONGO:

Heterobostrychus brunneus
Xylion inflaticauda
Xyloperthella crinitarsis
X. picea
Xyloperthodes nitidipennis

SCOTLAND:

Aphis callunae
Bruchus lentis
Frankliniella intonsa
Gelechia ericetella
Kleidocerys truncatulus
Phytomyza rufipes
Rhinocola ericae
Taeniothrips atratus
T. ericae
Thrips flavus

SEYCHELLES:

Trogoderma granarium

SIERRA LEONE:

Cylas puncticollis

SOUTH AMERICA (country(?)):

Brevipalpus chilensis

PLANT QUARANTINE DIVISION

Countries of Origin and Insects--Continued

SOUTHWEST PACIFIC:

Geotomus pygmaeus

SPAIN:

Bruchidius cinerascens

B. meleagrinus

Bruchus rufipes

Ceratitidis capitata

Cochlicella barbara

C. ventrosa

Cryptoblabes gnidiella

Dacus oleae

Dyspessa ulula

Gnorimoschema ocellatella

Helicella conspurcata

H. maritima

H. variabilis

Helix aperta

H. aspersa

H. pomatia

Lampides boeticus

Lygaeus persimilis

Mamestra brassicae

Microplax plagiata

Nezara viridula var. hepatica

N. viridula var. torquata

Parlatoria cinerea

Tetranychus viennensis

Theba pisana

Thrips angusticeps

SUDAN:

Trogoderma granarium

SURINAM:

Campylenchia hastata

Parlatoria cinerea

Vinsonia stellifera

SWEDEN:

Frankliniella intonsa

Pityogenes chalcographus

Plagiognathus arbustorum

Rhinocola ericae

Taeniothrips atratus

SWITZERLAND:

Ernobius abietis

Frankliniella intonsa

Rhagoletis cerasi

Stenoptilia stigmatodactyla

Taeniothrips atratus

Thrips flavus

SYRIA:

Ceratitidis capitata

Trogoderma granarium

TAHITI:

Bradybaena similis

Coccus viridis

Dialeurodes kirkaldyi

Elasmolomus v-album

Morganella longispina

Parlatoria cinerea

THAILAND:

Blenina lichenosa(?)

Chalciope hyppasia

Diaxenes dendrobii

Heterobostrychus aequalis

Leptocorixa acuta

Nephotettix apicalis

Oxyodes scrobiculata

Parlatoria zizyphus

Trogoderma granarium

THAILAND(?):

Glyphodes annulata

TRINIDAD:

Acanthoscelides armitagei

Aeneolamia varia ssp. saccharina

Minthea rugicollis

Nasutitermes guayanae

Parlatoria cinerea

P. zizyphus

Pectinophora gossypiella

Vinsonia stellifera

TURKEY:

Bruchus ervi

Callirhytis glandium

Cochlicella barbara

Eurydema ornatum

Helicella cretica

H. derbentina

H. protea

Helix lucorum

Monacha olivieri

Pectinophora gossypiella

Platyedra vilella

Theba pisana

UNION OF SOVIET SOCIALIST REPUBLICS:

Tetranychus viennensis

UNITED ARAB REPUBLIC:

Carpomyia incompleta

Ceratitidis capitata

Cochlicella barbara

Gnorimoschema ocellatella

Theba pisana

Trogoderma granarium

UNKNOWN:

Aleurocanthus woglumi

Anua triphaenoides

Ardis sulcata

Argidia wedelina

Bruchus lentis

Callidium rufipenne

Callosobruchus phaseoli

Caryedon gonagra

Ceratitidis capitata

Cochlicella ventrosa

Colaspis inconspicua(?)

Diaphania lucidalis

Draeculacephala clypeata

Dynastes centaurus

Euxoa bilitura

E. spinifera

Gynaikothrips ficorum

Helicella caperata

H. trochoides

Heterobostrychus aequalis

Liogenys macropelma

Maruca testulalis

Melamphaus faber

Minthea rugicollis

Mocis frugalis

Monacha carthusiana

Morganella longispina

Neoclytus acuminatus

Nephotettix apicalis

Nymphula badiosalis

Parastichtis monoglypha

Parlatoria cinerea

P. zizyphus

Prodenia litura

Pyrrhidium sanguineum

Rhynchobapta flaviceps

Schoenobius incertulas

Sinoxylon conigerum

Spilomela perspicata

Spodoptera pecten

Countries of Origin and Insects--Continued

UNKNOWN--Continued

Stephanoderes hampei
Taeniothrips atratus
Teleogryllus mitratus
Tetropium fuscum
Theba pisana
Trichia hispida
Trogoderma granarium
Trogoxylon prostomoides
Xylomeira torquata

VENEZUELA:

Agrotis repleta
Anastrepha mombinpraeoptans(?)
Diabrotica speciosa
Maruca testulalis
Stenoma catenifer
Tydeus kochi
Vinsonia stellifera

VENEZUELA(?):

Elousa albicans
Ostrinia nubilalis

VIET-NAM:

Achatina fulica
Dacus dorsalis
Gnaphalocrocis medinalis
Nephotettix apicalis
Schoenobius incertulas

WAKE ISLAND:

Nephotettix apicalis
Paromius piratoides(?)
Prodenia litura

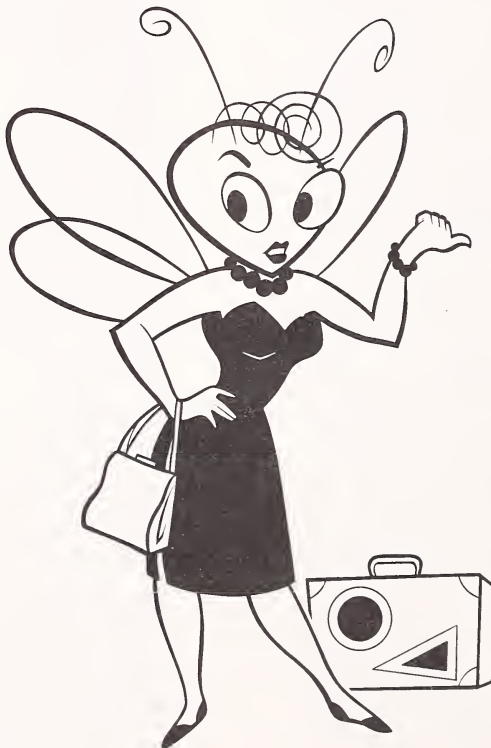
WEST PACIFIC:

Amyna punctum
Nephotettix cincticeps

YUGOSLAVIA:

Curculio elephas
Laspeyresia splendana
Ostrinia nubilalis

MANY OF THESE PESTS WERE INTERCEPTED AS HITCHHIKERS



DON'T HELP HITCHHIKING BUGS!

PLANT QUARANTINE DIVISION

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Anthostomella keissleri</u> Cash & Watson: <u>Oncidium luridum</u> (orchid).....	Mexico .....	.....	.....	1	Tex.
<u>Aphelenchoides ritzema-bosi</u> (Schwartz, 1911) Steiner, 1932: <u>Bletilla striata</u> (orchid).....	Japan .....	.....	.....	1	Wash.
** <u>Aphelenchoides saprophilus</u> Franklin, 1957: <u>Paeonia suffruticosa</u> (tree peony).....	...do.....	.....	.....	1	Wash.
<u>Aphysa senniana</u> (Sacc.) Doidge: <u>Protea</u> sp. (flower)	Republic of South Africa.	2	.....	.....	Ill., N. Y.
** <u>Apiospora shiraiana</u> (Miyake & Hara) Hara: Bamboo.....	Hong Kong	1	.....	.....	Tex.
**Apple ring spot virus: <u>Malus</u> 'Granny Smith'	New Zealand	1	.....	.....	Calif.
<u>Ascochyta citri</u> Penz.: <u>Citrus sinensis</u> (sweet orange)	Japan .....	.....	5	.....	Calif.
** <u>Ascochyta cynarae</u> Maffei: <u>Cynara scolymus</u> (artichoke) bract.....	France .....	.....	1	.....	N. Y.
* <u>Ascochyta lycopersici</u> (Plow.) Brun.: <u>Lycopersicon esculentum</u> (tomato).....	Japan .....	.....	1	.....	Calif.
** <u>Ascochyta oryzae</u> Catt.: <u>Oryza sativa</u> (rice)	Japan, Viet-Nam.	1	6	.....	Calif.
<u>Ascochyta passiflorae</u> Penz. & Sacc.: <u>Passiflora maliformis</u> (Curuba passion-flower) fruit.	Colombia	1	.....	.....	Tex.
<u>P. mollissima</u> (softleaf passionflower) fruit.	...do.....	2	.....	.....	Fla.
<u>Passiflora</u> sp. (fruit).....	...do.....	2	.....	.....	Fla., Tex.
** <u>Bagnisiopsis chamaedoreae</u> (Syd.) Petr. (Hemidothis stage): <u>Chamaedorea</u> sp. (palm).....	Mexico	1	.....	1	Tex.
<u>Botryosphaeria berengeriana</u> de N. var. <u>araucariae</u> Sacc. (<u>Dothiorella araucariae</u> stage): <u>Araucaria excelsa</u> (Norfolk-Island-pine)	Australia .....	.....	.....	1	Calif.
** <u>Calcarisporium arbuscula</u> Preuss: <u>Abies alba</u> (silver fir) seed	Italy .....	.....	.....	1	N. J.
* <u>Camarosporium ellipticum</u> Cke. & Harkn.: <u>Mesembryanthemum blandum</u>	Spain .....	.....	.....	1	N. Y.
** <u>Camposporium antennatum</u> Harkn.: <u>Cymbidium</u> sp. (orchid) leaf	Jamaica .....	.....	.....	1	N. Y.
** <u>Ceratocystis coerulescens</u> (Münch) Bakshi(?): <u>Pinus</u> sp. (pine) crate	France	1	.....	.....	La.
** <u>Ceratocystis montia</u> (Rumb.) Hunt(?): <u>Philodendron hastatum</u> (seed pod).....	Mexico .....	.....	.....	1	Tex.
** <u>Ceratocystis pluriannulata</u> (Hedgecock) C. Moreau(?): <u>Guilielma gasipaes</u> (peach palm) fruit	Panama.....	1	.....	.....	Fla.
** <u>Ceratocystis tetropii</u> (Mathiesen) Hunt(?): <u>Rosa rugosa</u> (seed).....	Denmark.....	.....	.....	1	N. J.
<u>Cercospora angraeci</u> Feuill. & Roum.: <u>Cattleya</u> sp. (orchid).....	Unknown.....	.....	1	.....	Fla.
<u>Dendrobium</u> sp. (orchid).....	*Australia, *Indonesia, *New Guinea.	.....	.....	6	Calif.
<u>Epidendrum nemorale</u> (orchid)	Mexico .....	.....	.....	1	Tex.
<u>Stanhopea</u> sp. (orchid).....	...do.....	.....	.....	1	Tex.
** <u>Cercospora bougainvilleae</u> Muntanola: <u>Bougainvillea</u> sp. (leaf).....	Jamaica .....	.....	.....	1	Fla.

*First from country. **First interception.

PLANT QUARANTINE DIVISION

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
** <u>Cercospora capitati</u> Tharp: <u>Codiaeum variegatum</u> (variegated croton) ..	Mexico .....	.....	.....	1	Tex.
* <u>Cercospora caribaea</u> Chupp & Cif.: <u>Manihot esculenta</u> (common cassava) leaf. .	Guatemala .....	.....	.....	2	Fla.
** <u>Cercospora gerberae</u> Chupp & Viegas: <u>Gerbera jamesonii</u> (flameray gerbera)	Peru .....	.....	.....	1	Fla.
<u>Cercospora insulana</u> Sacc.: <u>Limonium sinuatum</u> (notchleaf statice)	*Colombia	1	.....	.....	Fla.
<u>Limonium</u> sp.	Guatemala	1	.....	.....	Tex.
** <u>Cercospora nasturtii</u> Pass.: <u>Nasturtium officinale</u> (watercress).....	Mexico	1	.....	.....	Tex.
* <u>Cercospora odontoglossi</u> Prill. & Del.: <u>Dendrobium</u> sp. (orchid) leaf.....	Formosa .....	.....	.....	1	Calif.
<u>Cercospora psidii</u> Rangel: <u>Psidium guajava</u> (guava).....	Mexico	1	.....	.....	Tex.
* <u>Cercospora purpurea</u> Cke.: <u>Persea americana</u> (avocado)	Honduras	1	.....	.....	Fla.
** <u>Cercospora stachytarphetae</u> Ell. & Ev.: <u>Stachytarpheta jamaicensis</u> (Jamaica falsevalerian) leaf.	Panama.....	1	.....	.....	Fla.
<u>Chrysomyxa ledid</u> By. var. <u>rhododendri</u> (d By.) Savile: <u>Rhododendron ferrugineum</u> (rock rhododendron) leaf.	Austria, Germany, Switzerland.	16	.....	.....	Ill., Mass., N.J., N. Y.
<u>R. hirsutum</u> f. <u>albiflorum</u>	Canada .....	.....	.....	1	Wash.
<u>Rhododendron</u> sp. (leaf)	Europe (country(?)), Switzerland, Yugoslavia.	6	1	.....	Ill., N. Y.
<u>Coleosporium bletiae</u> Diet.: <u>Calanthe masuca</u> (orchid) leaf.....	India .....	.....	.....	1	N. Y.
<u>Phaius wallichii</u> (orchid).....	...do.....	.....	.....	2	Fla.
<u>Coleosporium dahliae</u> Arth.: <u>Dahlia</u> sp.	Mexico	1	.....	.....	Fla.
<u>Coleosporium plumierae</u> Pat.: <u>Plumeria</u> sp. (frangipani) leaf.....	...do.....	.....	.....	2	Tex.
** <u>Coleosporium rhinanthracearum</u> Lev.: <u>Pinus</u> sp., prob. <u>sylvestris</u> (pine).....	Germany.....	.....	1	.....	N. Y.
** <u>Coleosporium steviae</u> Arth.: <u>Stevia</u> sp. (flower).....	Mexico	1	.....	.....	Ariz.
* <u>Colletotrichum atramentarium</u> (Berk. & Br.) Taub.: <u>Solanum tuberosum</u> (potato).....	Spain.....	.....	1	.....	Calif.
<u>Coniothyrium cytisellum</u> (Pass. & Thuem.) Sacc.: <u>Cytisus</u> sp. (broom) stem.....	Netherlands .....	.....	.....	1	N. Y.
<u>Laburnum X watereri</u> (Waterer laburnum). ...do.....	...do.....	.....	.....	1	N. Y.
** <u>Coniothyrium eurotioides</u> Sacc.: <u>Salix</u> sp. (willow) twig basket	Italy	1	.....	.....	Mass.
* <u>Coniothyrium genistae</u> (Roum.) Berl. & Vogl.: <u>Genista sagittalis</u> (woodwaxen) leaf	Netherlands .....	.....	.....	2	N. J.
** <u>Coryneum sorbi</u> Pk.: <u>Sorbus aucuparia</u> (European mountain-ash)	Scotland	1	.....	.....	Mass.
* <u>Criconema fimbriatum</u> Cobb in Taylor, 1936: Soil with unidentified seedlings	Guatemala .....	.....	.....	1	Calif.
<u>Criconemoides xenoplax</u> Raski, 1952: Soil with <u>Juniperus chinensis</u>	Japan.....	.....	.....	1	Calif.
** <u>Cryptodiaporthe galericulata</u> (Tul.) n. comb. (<u>Fusicoccum galericulatum</u> stage): <u>Fagus sylvatica</u> var. <u>rohani</u>	Netherlands .....	.....	.....	1	N. J.

*First from country. **First interception.

PLANT QUARANTINE DIVISION

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN -
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Cryptospora longispora</u> Servazzi: <u>Araucaria excelsa</u> (Norfolk-Island-pine) seed.	Australia, New Zealand, Norfolk Island.	.....	.....	10	Calif., N.J.
** <u>Cryptosporella macrozamia</u> P. Henn.: <u>Macrozamia spiralis</u> (spiral macrozamia).	Australia .....	.....	.....	1	Wash.
** <u>Cryptostroma corticale</u> (Ell. & Ev.) Gregory & Waller: <u>Acer pseudoplatanus</u> (planetree maple) bark.	Belgium(?).....	1	.....	.....	N. Y.
<u>Curvularia lunata</u> (Wakk.) Boed.:					
<u>Chamaedorea</u> sp. (palm).....	Mexico	2	.....	.....	Tex.
<u>Cucurbita</u> sp. (squash).....	...do.....	1	.....	.....	Tex.
<u>Gramineae</u> (grass).....	...do.....	1	.....	.....	Tex.
<u>Orchid</u> (leaf).....	*Bahamas.....	.....	.....	1	P. R.
<u>Cycloconium oleaginum</u> Cast.:					
<u>Olea europaea</u> (olive).....	Italy	1	.....	.....	Calif.
<u>Cytospora palmicola</u> Berk. & Curt.:					
<u>Cocos nucifera</u> (coconut).....	Guam, *Jamaica..	1	.....	1	Fla., Hawaii.
* <u>Diaporthe arctii</u> (Lasch) Nits. (<u>Phomopsis</u> stage):					
<u>Chamaedorea</u> sp. (palm).....	Mexico	1	.....	.....	Tex.
* <u>Diaporthe medusaea</u> Nits. (<u>Phomopsis</u> stage):					
<u>Nothofagus obliqua</u> (false beech).....	England.....	.....	.....	1	Wash.
** <u>Diatrype albopruinosa</u> (Schw.) Cke. & Ell.:					
<u>Quercus</u> sp. (oak) stem.....	Mexico	1	.....	.....	Tex.
<u>Didymellina ornithogali</u> Jacq. (<u>Heterosporium</u> stage):					
<u>Ornithogalum thyrsoides</u> (Cape chinkerichie) stem:	*England, Republic of South Africa.	3	.....	.....	Mass., N. Y.
* <u>Discula quercina</u> (West.) Arx:					
<u>Quercus</u> sp. (oak) leaf	Mexico .....	.....	.....	1	Tex.
<u>Ditylenchus dipsaci</u> (Kuhn, 1857) Filipjev, 1936:					
<u>Narcissus</u> sp. (bulb).....	England.....	.....	.....	1	N.J.
<u>Elsinoe australis</u> Bitanc. & Jenkins:					
<u>Citrus aurantifolia</u> (lime).....	Argentina, Brazil.	5	33	.....	Calif., Fla., N. Y.
<u>C. limon</u> (lemon).....	Argentina, Brazil, South America (country(?)), Uruguay.	3	27	.....	Ala., Calif., Fla., La., N. Y., Pa., Tex.
<u>C. paradisi</u> (grapefruit).....	Brazil.....	.....	1	.....	N. Y.
<u>C. reticulata</u> (Mandarin orange).....	Argentina, Brazil, Paraguay, South America (country(?)), unknown, Uruguay.	17	39	.....	Calif., Fla., N. Y., Pa.
<u>C. reticulata</u> X <u>C. sinensis</u> (tangor).....	Argentina.....	.....	1	.....	N. Y.
<u>C. sinensis</u> (sweet orange).....	Argentina, Brazil, Paraguay, South America (country(?)), unknown, Uruguay.	52	176	.....	Ala., Calif., Del., Fla., Ga., Hawaii, La., Mass., Md., Mich., N. C., N. Y., Ohio, Pa., P. R., S. C., Tex., Va.
<u>Citrus</u> hybrid.....	Argentina.....	.....	1	.....	N. Y.
** <u>Elsinoe batatas</u> Viegas & Jenkins: <u>Ipomoea intrapilosa</u> (leaf)	Mexico	1	.....	.....	Tex.

*First from country. **First interception.

PLANT QUARANTINE DIVISION

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN—
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Elsinoe mangiferae</u> Bitanc. & Jenkins: <u>Mangifera indica</u> (mango).....	*Bahamas, Brazil, *British Honduras, *Cayman Islands, *Colombia, Costa Rica, Dominican Republic, *El Salvador, Haiti, Honduras, Jamaica, Mexico, *Panama, *Philippines, Puerto Rico, *Trinidad.	40	6	.....	Fla., Hawaii, La., N. Y., P. R., Tex.
* <u>Elsinoe piri</u> (Wor.) Jenkins: <u>Malus sylvestris</u> (apple).....	Portugal.....	.....	1	.....	P. R.
<u>Fusarium oxysporum</u> Schlecht.: <u>Ullucus tuberosus</u> (tuber ullucus).....	Peru.....	.....	1	.....	La.
<u>Graphiola borassi</u> Syd. & Butl.: <u>Borassus flabellifer</u> (palmyra palm)	India.....	7	.....	.....	Md., Mich., Tex.
<u>Palm</u> (leaf).....	...do.....	1	.....	.....	Calif.
<u>Guignardia citricarpa</u> Kiely (<u>Phoma</u> stage): <u>Citrus aurantifolia</u> (lime).....	Japan.....	.....	1	.....	Oreg.
<u>C. aurantium</u> (sour orange).....	...do.....	.....	3	.....	Calif.
<u>C. grandis</u> (pummelo) dried peel	Hong Kong, unknown.	2	.....	.....	Mass., N. Y.
<u>C. limon</u> (lemon)	Africa (country(?)), Australia, Formosa, Japan, Mozambique, Republic of South Africa, unknown.	2	52	.....	Ala., Calif., Hawaii, La., Mass., N. Y., Oreg., Pa., P. R., S. C., Wash.
<u>C. paradisi</u> (grapefruit)	Japan, Republic of South Africa, Thailand.	1	5	.....	Calif., Hawaii, Pa., P. R.
<u>C. reticulata</u> (Mandarin orange) dried peel and fruit.	Australia, China, Formosa, Hong Kong, Japan, Korea, Okinawa, Philippines, Tahiti(?), Thailand, unknown, Viet-Nam.	97	16	.....	Ariz., Calif., Fla., Hawaii, Ill., La., Mass., Md., Mich., N. Y., Oreg., Pa., S. C.
<u>C. reticulata</u> cv.	Formosa, Japan, Korea.	5	2	.....	Hawaii, Wash.
<u>C. reticulata</u> X <u>C. sinensis</u> (tangor)	Japan.....	.....	3	.....	Wash.
<u>C. sinensis</u> (sweet orange).....	Africa (country(?)), Argentina, Australia, Brazil, China, Formosa, Hong Kong, India, Japan, Mozambique, Philippines, Republic of South Africa, South America (country(?)), unknown, Viet-Nam.	76	262	.....	Ala., Calif., Del., Fla., Ga., Hawaii, Ill., La., Mass., Md., Mich., N. C., N. J., N. Y., Ohio, Oreg., Pa., P. R., S. C., Tex., Va., Wash.
<u>Citrus</u> sp. (dried peel)	China, Formosa, Hong Kong, Japan, unknown.	33	1	.....	Calif., Fla., Hawaii, Ill., Mich., N. Y., Tex., Wash.

*First from country.

PLANT QUARANTINE DIVISION

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Guignardia traversi</u> (Cav.) Lind.:					
<u>Stanhopea</u> sp. (orchid) leaf	Mexico .....	.....	.....	1	Tex.
<u>Gymnosporangium cornutum</u> Kern:					
<u>Sorbus aucuparia</u> (European mountain-ash)	Finland .....	.....	.....	1	N. Y.
<u>Sorbus</u> sp. (fruit and leaf)	*Poland	1	.....	.....	Wash.
<u>Gymnosporangium haraeae</u> Syd.:					
<u>Juniperus chinensis</u>	Japan .....	.....	1	2	Calif., Hawaii.
** <u>Haplosporella salicicola</u> (Pass.) Petr. & Syd.:					
<u>Salix</u> sp. (willow) twig basket	Italy	1	.....	.....	Mass.
** <u>Helicotylenchus microlobus</u> Perry in Perry,					
Darling & Thorne, 1959:					
Soil with <u>Mentha</u> sp. (mint) plant	Mexico .....	.....	.....	1	Ariz.
* <u>Helminthosporium cynodontis</u> Marig.:					
<u>Cynodon dactylon</u> (Bermuda grass)	Kenya .....	.....	.....	1	D. C.
<u>Heterodera avenae</u> Wollenweber, 1924:					
Soil with automobile, engineering equip-	Belgium, England,	17	.....	.....	Md., Ohio,
ment, and used farm tractor.	Europe (coun-				Wash.
	try(?)), Germany,		1	7	Ill., N. J.,
Soil with propagative material (<u>Allium</u>	England, Germany,	.....			N. Y.
<u>sativum</u> , bamboo, <u>Hydrangea</u> sp., <u>Rosa</u>	Italy.				
sp., and unidentified plants).					
Soil with stores (<u>Colocasia antiquorum</u> and	England, Japan...	.....	2	.....	N. C., N. Y.
<u>Solanum tuberosum</u>).					
* <u>Heterodera cruciferae</u> Franklin, 1945:					
Soil with <u>Brassica napobrassica</u> (rutabaga).	Netherlands .....	.....	1	.....	Calif.
* <u>Heterodera fici</u> Kirjanova, 1954:					
Soil with <u>Ficus</u> sp. (fig) plant	Chile, Venezuela .	.....	.....	2	N. Y.
<u>Heterodera humuli</u> Filipjev, 1934:					
Soil with <u>Humulus</u> sp. (hop)	Germany .....	.....	.....	1	Ill.
Soil with <u>Polygonum cuspidatum</u>	...do .....	.....	.....	1	N. J.
Soil with used farm tractor	England	2	.....	.....	Wash.
<u>Heterodera punctata</u> Thorne, 1928:					
Soil with airplane, automobile, bus,	Belgium, Canada,	23	.....	.....	Calif., Fla., Md.,
motorcycle, and used farm tractor.	England, Europe				N. Y., Ohio, Pa.,
	(country(?)),				S. C., Tex.,
	Germany, Norway.				Wash.
Soil with propagative material (cactus,	England, France,	.....	8	18	Ariz., Calif., Ill.,
<u>Calceolaria</u> sp., <u>Calluna vulgaris</u> ,	Germany, Ire-				Mass., Md.,
<u>Campanula</u> sp., grass, <u>Hyacinthus</u> sp.,	land, Italy,				Mich., N. J.,
<u>Narcissus</u> sp., <u>Pelargonium</u> sp.,	Mexico,				N. Y., Pa.
<u>Primula</u> sp., <u>Sedum</u> sp., <u>Senecio</u> sp.,	Scotland.				Tex.
<u>Taxus</u> sp., <u>Trifolium repens</u> cv., and					
unidentified plants).					
Soil with stores (<u>Beta vulgaris</u> and	England, Nether-	.....	3	.....	Ala., Fla., Mich.
<u>Solanum tuberosum</u>).	lands.				
<u>Heterodera rostochiensis</u> Wollenweber, 1923:					
Soil sample	England	1	.....	.....	N. Y.
Soil with automobile, equipment, miscel-	England, Europe	18	.....	.....	Calif., Fla.,
laneous cargo, and used farm tractor.	(country(?)),				Tex., Wash.
	France, Germany,				
	Netherlands.				
Soil with propagative material (<u>Arabis</u> sp.,	Azores, England,	3	2	26	Calif., Fla.,
<u>Calluna vulgaris</u> , <u>Cineraria</u> sp.,	Germany, Ire-				Hawaii, Ill.,
<u>Convallaria</u> sp., <u>Dahlia</u> sp., <u>Dianthus</u>	land, Poland,				Mass., Mich.,
<u>caryophyllus</u> , <u>Galanthus</u> sp., <u>Hyacinthus</u>	Scotland,				N. Y., Wash.
sp., <u>Hydrangea</u> sp., <u>Juniperus</u> sp.,	unknown.				
<u>Lavandula</u> sp., <u>Ligustrum</u> sp., <u>Mentha</u>					
sp., <u>Rheum rhaponticum</u> , <u>Trifolium</u>					
<u>repens</u> cv., and unidentified plants).					

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<u>Heterodera rostochiensis</u> --Continued					
Soil with vegetables (<u>Allium sativum</u> , <u>Apium graveolens</u> vars. <u>dulce</u> and <u>rapaceum</u> , <u>Beta vulgaris</u> , <u>Brassica</u> <u>napobrassica</u> , <u>Daucus carota</u> var. <u>sativa</u> , and <u>Solanum tuberosum</u>).	Belgium, Denmark, England, France, Germany, Nether- lands, Peru, Spain.	4	17		Calif., Fla., Hawaii, Ill., N.J., N.Y., Tex., Va.
* <u>Heterodera trifolii</u> Goffart, 1932:					
Soil with used farm tractor	England	3	.....	.....	Wash.
<u>Leptosphaeria obtusispora</u> Speg.:					
<u>Agave</u> sp. (leaf)	Mexico .....	.....	.....	1	Tex.
<u>Yucca</u> sp. (leaf)	...do.....	.....	.....	1	Tex.
<u>Leptosphaeria protearum</u> Syd.:					
<u>Protea</u> sp. (flower)	Republic of South Africa.	1	.....	.....	N.Y.
** <u>Leptosphaeria spartinae</u> Ell. & Ev.:					
<u>Spartina</u> sp. (cord grass).....	England .....	.....	.....	1	N.J.
<u>Macrophoma araucariae</u> De Lac.:					
<u>Araucaria cookii</u> (seed)	New Zealand .....	.....	.....	3	Calif.
<u>A. excelsa</u> (Norfolk-Island-pine) seed.....	Australia, Norfolk Island.	.....	.....	2	Calif.
** <u>Marssonina daphnes</u> (Desm. & Rob.) P. Magn.:					
<u>Daphne mezereum</u> (February daphne) seed.	Italy .....	.....	.....	1	N.J.
<u>Melampsorium betulinum</u> (Fr.) Kleb.:					
<u>Betula</u> sp. (birch) leaf.....	Finland	1	.....	.....	Ill.
** <u>Melanospora destruens</u> Shear:					
<u>Casimiroa edulis</u> (white sapote) leaf.....	Mexico	1	.....	.....	Tex.
<u>Meloidogyne arenaria</u> (Neal, 1889) Chitwood, 1949:					
<u>Alocasia</u> sp. (root of plant)	...do.....	.....	.....	1	Tex.
<u>Caladium</u> sp. (bulb).....	Guatemala .....	.....	.....	3	Fla.
<u>Zingiber officinale</u> (ginger)	Canal Zone, *Philippines.	1	.....	1	Fla., Hawaii.
<u>Meloidogyne hapla</u> Chitwood, 1949:					
<u>Aconitum napellus</u> 'Bressingham' (root)...	Germany.....	.....	.....	1	N.J.
<u>Anemone japonica</u> 'Profusion' (root)	England.....	.....	.....	1	N.J.
<u>A. vitifolia</u> (root).....	...do.....	.....	.....	1	N.J.
<u>Aquilegia akitensis</u> (root).....	Japan .....	.....	.....	1	N.J.
<u>Artemisia schmidtiana</u> (root).....	England.....	.....	.....	1	N.J.
<u>Astilbe</u> 'Peachblossom' (root).....	Netherlands .....	.....	.....	1	N.J.
<u>Callicarpa giraldiana</u> (root).....	...do.....	.....	.....	1	N.J.
<u>Campanula</u> 'Warley Gem' (root)	England.....	.....	.....	1	N.J.
<u>Chrysanthemum maximum</u> 'Ben Lomond' ..	...do.....	.....	.....	1	N.J.
<u>Clematis</u> 'Ville de Lyon' (root).....	Netherlands .....	.....	.....	1	N.J.
<u>Doronicum caucasicum</u> (root)	Germany.....	.....	.....	1	N.J.
<u>Geranium endressii</u> (root)	England.....	.....	.....	1	N.J.
<u>Geum</u> 'Red Wings' (root).....	...do.....	.....	.....	1	N.J.
<u>Viola eizanensis</u> (root)	Japan .....	.....	.....	1	N.J.
<u>Meloidogyne incognita acrita</u> Chitwood, 1949:					
<u>Caladium</u> sp. (root).....	Guatemala	1	.....	.....	Calif.
<u>Colocasia</u> sp. (root).....	Hong Kong .....	.....	.....	1	N.J.
<u>Dahlia</u> sp. (root).....	Japan .....	.....	.....	1	Calif.
<u>Hoffmannia</u> sp. (root)	Brazil .....	.....	.....	1	Md.
<u>Ipomoea batatas</u> (sweetpotato).....	*Surinam .....	.....	1	.....	Ala.
<u>Lactuca sativa</u> (lettuce) root	*Ivory Coast .....	.....	1	.....	Mass.
<u>Palm</u> (root)	Mexico .....	.....	.....	1	Calif.
<u>Solanum tuberosum</u> (potato).....	Chile, *Peru .....	.....	2	.....	Calif., Pa.
<u>Zingiber officinale</u> (ginger)	Japan			1	Hawaii.
<u>Zoysia</u> sp. (root)	Philippines.....			1	Hawaii.

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<u>Meloidogyne incognita incognita</u> (Kofoid & White, 1919) Chitwood, 1949:					
<u>Apium graveolens</u> var. <u>dulce</u> (celery).....	Republic of South Africa.		1		Mass.
<u>Beta vulgaris</u> (beet)	Italy .....	.....	1	.....	Pa.
<u>Cactus</u> (root).....	Israel .....	.....	.....	1	N. Y.
<u>Gladiolus</u> 'Valeria' and <u>Gladiolus</u> sp. (corm)	Japan .....	.....	.....	2	Calif.
<u>Meloidogyne javanica javanica</u> (Treub, 1885) Chitwood, 1949:					
<u>Agapanthus gracilis</u> and <u>A. orientalis</u> (root)	Republic of South Africa.	.....	.....	2	N. J.
<u>Aloe simii</u> (root).....	...do.....	.....	.....	1	Tex.
<u>Beta vulgaris</u> (beet).....	Brazil.....	.....	1	.....	Pa.
<u>Daucus carota</u> var. <u>sativa</u> (carrot).....	Greece.....	.....	1	.....	Ala.
<u>Forsythia</u> sp. (root).....	Italy .....	.....	.....	1	N. J.
* <u>Metasphaeria hawaiiensis</u> F. L. Stevens & Young:					
<u>Metrosideros</u> sp. (iron tree).....	New Caledonia....	.....	.....	1	Hawaii.
<u>Monilinia fructigena</u> (Aderh. & Ruhl.) Honey:					
<u>Cydonia oblonga</u> (quince).....	*Bulgaria, Italy ..	3	.....	.....	N. Y.
<u>Malus sylvestris</u> (apple).....	Germany, Italy, Spain.	1	3	.....	Calif., Md., N. Y., Pa.
<u>Prunus armeniaca</u> (apricot).....	France .....	.....	2	.....	N. Y., Pa.
<u>P. avium</u> (Mazzard cherry).....	England.....	.....	1	.....	Pa.
<u>P. domestica</u> (plum).....	England, France, Italy, Spain.	.....	8	.....	N. Y.
<u>P. persica</u> (peach).....	France, Italy.....	.....	5	.....	N. Y., Pa.
<u>P. persica</u> var. <u>nectarina</u> (nectarine).....	Portugal.....	1	.....	.....	N. Y.
<u>Prunus</u> sp. (cherry).....	France, Italy.....	2	1	.....	Mass., N. Y., Pa.
<u>Pyrus communis</u> (pear).....	*Bulgaria, Netherlands, Spain.	1	3	.....	N. Y., Pa.
<u>Mycosphaerella cattleyae</u> Cash & Watson:					
<u>Cattleya</u> sp. (orchid) leaf.....	Colombia, Guatemala.	2	.....	9	Fla.
<u>Epidendrum radicans</u> (orchid) leaf.....	Guatemala .....	.....	.....	2	Fla.
<u>Epidendrum</u> sp.	Bahamas.....	.....	.....	1	Fla.
<u>Huntleya meleagris</u> (orchid) leaf.....	Panama.....	.....	.....	1	La.
Orchid (leaf)	Bahamas, Colombia, Guatemala, Panama.	1	.....	6	Fla.
<u>Sobralia</u> sp. (orchid) leaf.....	Canal Zone, Guatemala, Honduras,	3	.....	3	Fla., Tex.
<u>Mycosphaerella opuntiae</u> (Ell. & Ev.) Dearn.:					
<u>Cereus</u> sp. (cactus).....	Mexico	1	.....	.....	Tex.
<u>Opuntia</u> sp. (prickly pear) fruit	...do.....	1	.....	.....	Calif.
<u>Pachycereus pecten-aboriginum</u> (hairbrush cactus) stem.	...do.....	1	.....	.....	Tex.
<u>Rhipsalis</u> sp. (cactus) stem.....	*Guatemala .....	.....	.....	1	Fla.
* <u>Mycosphaerella palmarum</u> Miles:					
<u>Chamaedorea</u> sp. (palm) leaf.....	Guatemala	1	.....	.....	La.
Palm (frond)	American Samoa..	1	.....	.....	Hawaii.
* <u>Mycosphaerella philodendri</u> (Pat.) Lindau:					
<u>Philodendron</u> sp. (leaf).....	Surinam .....	.....	.....	1	Fla.
<u>Mycosphaerella proteae</u> (Syd.) Arx:					
<u>Protea</u> sp. (leaf).....	Republic of South Africa.	2	.....	.....	N. Y.
<u>Mycosphaerella schoenoprasii</u> (Ces. & de N.) Schroet.:					
<u>Allium fistulosum</u> (Welsh onion).....	Japan		4		N. Y., Pa.

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<u>Mycosphaerella schoenoprasii</u> --Continued					
<u>Allium porrum</u> (leek).....	Japan.....		11		Calif., Hawaii, Tex.
** <u>Myxofusicoccum salicis</u> Died.:					
<u>Salix</u> sp. (willow) twig basket	Italy.....	1	.....	.....	Mass.
** <u>Myxotrichum chartarum</u> Kze.:					
<u>Oryza sativa</u> (rice) hull.....	Japan.....	.....	1	.....	Calif.
* <u>Nectria ochroleuca</u> (Schw.) Berk.:					
<u>Zingiber officinale</u> (ginger) bract.....	Fiji.....	1	.....	.....	Calif.
<u>Neovossia horrida</u> (Tak.) Padw. & A. Khan:					
<u>Oryza sativa</u> (rice) hull, rope, seed, and straw.	Japan.....	4	190	1	Calif., Hawaii, Oreg., Wash.
<u>O. sativa</u> cv. Lua lo and Lua som (seed) ..	*Viet-Nam.....	.....	.....	2	D.C.
** <u>Phaeosphaeria eustoma</u> (Fckl.) Holm:					
<u>Oryza sativa</u> (rice) hull and straw	Japan.....	2	2	.....	Calif.
<u>Phakopsora gossypii</u> (Arth.) Hirat. f.:					
<u>Gossypium</u> sp. (cotton) leaf.....	Jamaica.....	1	.....	.....	Fla.
<u>Phakopsora jatrophiicola</u> Cummm.:					
<u>Jatropha curcas</u> (Barbados-nut) leaf	Dominican Republic.	1	.....	.....	P.R.
<u>J. gossypifolia</u> (cutting).....	...do.....	.....	.....	1	Fla.
<u>Phoma pomi</u> Pass.:					
<u>Malus sylvestris</u> (apple).....	*Japan, Mexico...	1	1	.....	Calif., Tex.
** <u>Phoma tuberosa</u> Melhus, Rosenbaum, & Schultz:					
<u>Solanum tuberosum</u> (potato).....	Japan.....	.....	1	.....	Calif.
<u>Phomopsis cocoas</u> Petch:					
<u>Cocos nucifera</u> (coconut).....	Hawaii.....	5	3	.....	Calif.
** <u>Phomopsis lirella</u> (Desm.) Hoehn.:					
<u>Plumeria rubra</u> (Mexican frangipani) pod..	...do.....	.....	.....	1	Calif.
* <u>Phomopsis palmicola</u> (Wint.) Sacc.:					
<u>Palm</u> (leaf).....	Trinidad.....	1	.....	.....	N. Y.
<u>Phyllachora cynodontis</u> (Sacc.) Niessl:					
<u>Cynodon dactylon</u> (Bermuda grass).....	*Formosa, Kenya.	.....	.....	2	D.C.
<u>Cynodon</u> sp. (stolon).....	*Zambia.....	.....	.....	1	D.C.
<u>Phyllachora engleri</u> Speg.:					
<u>Anthurium</u> sp. (plant).....	Costa Rica.....	.....	.....	1	Fla.
** <u>Phyllachora miscanthi</u> Syd.:					
<u>Miscanthus</u> sp. (silver grass).....	Korea.....	1	.....	.....	Hawaii.
** <u>Phyllosticta buxina</u> Sacc.:					
<u>Buxus sempervirens</u> (boxwood).....	England.....	.....	1	.....	Wash.
* <u>Phyllosticta dracaenae</u> P. Henn.:					
<u>Cordyline</u> sp. (dracena).....	Australia.....	.....	.....	2	P.R.
* <u>Phyllosticta draconis</u> Berk.:					
<u>Cordyline</u> sp. (dracena).....	Thailand.....	.....	.....	1	P.R.
** <u>Phyllosticta ilicis</u> Oud.:					
<u>Ilex</u> sp. (holly) leaf	Ireland.....	.....	.....	1	Mass.
** <u>Phyllosticta oryzina</u> (Sacc.) Padw.:					
<u>Oryza sativa</u> (rice) stem.....	Japan.....	.....	6	.....	Calif.
<u>Phyllosticta ruscicola</u> Dur. & Mont.:					
<u>Ruscus aculeatus</u> (butchersbroom).....	Italy.....	2	.....	.....	La.
* <u>Phyllosticta stanhoepae</u> Allesch.:					
<u>Stanhopea</u> sp. (orchid) leaf.....	El Salvador.....	.....	.....	1	Fla.
<u>Phyllosticta violae</u> Desm.:					
<u>Viola</u> sp. (violet) leaf	Sweden.....	1	.....	.....	Mass.
** <u>Phyllosticta visci</u> Sacc.:					
<u>Phoradendron</u> sp. (American mistletoe)...	France.....	1			N. J.
** <u>Phyllostictina cruenta</u> (Fr.) Petr. & Syd.:					
<u>Hosta</u> sp. (leaf).....	Japan.....		1		Hawaii.

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** <i>Phyllostictina hysterella</i> (Sacc.) Petr.:					
<i>Cephalotaxus</i> sp. (plum-yew) leaf.....	Japan.....		2		Hawaii.
** <i>Phyllostictina ilicicola</i> (Cke. & Ell.) Hoehn.:					
<i>Ilex</i> sp. (holly) leaf.....	Italy.....	1	.....	.....	N. Y.
<i>Phyllostictina mangiferae</i> Batista & Vital:					
<i>Mangifera</i> sp. (leaf).....	Mexico.....	1	.....	.....	Tex.
* <i>Phyllostictina musarum</i> (Cke.) Petr.:					
<i>Musa</i> X <i>paradisica</i> (banana).....	Australia, Philip- pines, Tahiti.	5	3	.....	Hawaii.
<i>Phyllostictina pyriformis</i> Cash & Watson:					
<i>Arundina bambusifolia</i> (orchid).....	Philippines.....	.....	.....	1	Hawaii.
<i>Epidendrum</i> sp. (orchid) leaf.....	Mexico.....	.....	.....	2	Tex.
<i>Oncidium</i> sp. (orchid).....	...do.....	.....	.....	1	Tex.
Orchid (leaf).....	American Samoa, Jamaica, *Surinam.	.....	.....	3	Fla., N. Y.
<i>Phalaenopsis</i> sp. (moth orchid) leaf.....	Thailand.....	.....	.....	1	N. Y.
<i>Stanhopea</i> sp. (orchid) leaf.....	Mexico.....	.....	.....	1	Tex.
<i>Physalospora camptospora</i> Sacc.:					
<i>Stanhopea</i> sp. (orchid) leaf.....	Guatemala, Mexico.	.....	.....	2	Fla., Tex.
** <i>Physalospora vaccinii</i> (Shear) Arx & Müller:					
<i>Vaccinium corymbosum</i> (highbush blueberry).	Norway.....	.....	.....	1	N. Y.
<i>Physalospora wildemanniana</i> Sacc.:					
<i>Catasetum</i> sp. (orchid) stem.....	*Costa Rica.....	.....	.....	1	Tex.
<i>Hexisea bidentata</i> (orchid).....	*Canal Zone.....	.....	.....	1	Fla.
Orchid (leaf).....	Mexico.....	.....	.....	1	Tex.
** <i>Pileolaria terebinthi</i> Cast.:					
<i>Pistacia</i> sp. (pistache).....	Lebanon.....	1	.....	.....	Mass.
<i>Pratylenchus penetrans</i> (Cobb, 1917) Filipjev & Schuurmans Stekhoven, 1941:					
<i>Iris</i> sp. (rhizome).....	Japan.....	.....	.....	1	Hawaii.
** <i>Prospodium plagiopous</i> (Mont.) Arth.:					
<i>Tabebuia palmeri</i> (Palmer trumpettree)...	Mexico.....	1	.....	.....	Ariz.
** <i>Prosthecium innesii</i> (Curr.) Wehmeyer:					
<i>Acer pseudoplatanus</i> (planetree maple)....	Italy.....	1	.....	.....	Calif.
<i>Pseudomonas marginalis</i> (N. A. Brown) F. L. Stevens:					
<i>Cichorium endivia</i> (endive).....	Belgium.....	1	.....	.....	N. Y.
<i>Pseudomonas syringae</i> v. Hall:					
<i>Citrus aurantifolia</i> (lime).....	Italy.....	1	.....	.....	N. Y.
<i>C. limon</i> (lemon).....	...do.....	1	2	.....	Calif., N. Y., Ohio.
<i>C. sinensis</i> (sweet orange).....	Israel.....	1	.....	.....	N. Y.
* <i>Pseudopeziza trifolii</i> (Fr.) Fckl.:					
<i>Trifolium pratense</i> (red clover).....	New Zealand.....	.....	1	.....	Calif.
<i>Puccinia arenariae</i> (Schum.) Wint.:					
<i>Dianthus barbatus</i> (sweetwilliam) leaf....	Germany.....	.....	1	.....	Mass.
<i>Puccinia buxi</i> DC.:					
<i>Buxus sempervirens</i> (boxwood) leaf.....	England, Europe (country(?)), France, *Hungary, Ireland, *Spain, unknown.	8	51	1	Fla., Ill., Mass., Md., N. Y., Va., Wash.
<i>Puccinia cacabata</i> Arth. & Holw.:					
<i>Gossypium</i> sp. (cotton).....	Mexico.....		1		Tex.
** <i>Puccinia calcitrapae</i> DC.:					
<i>Cirsium</i> sp. (thistle) leaf.....	...do.....			1	Calif.

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<u>Puccinia carthami</u> Cda.:					
<u>Carthamus tinctorium</u> (safflower) leaf.....	Mexico	3			Ariz., Calif.
** <u>Puccinia cyani</u> Pass.:					
<u>Centaurea cyanus</u> (cornflower) leaf	France	1	.....	.....	N. Y.
<u>Puccinia heliconiae</u> Arth.:					
<u>Heliconia</u> sp. (leaf)	Guatemala	1	.....	.....	Fla.
<u>Puccinia horiana</u> P. Henn.:					
<u>Chrysanthemum morifolium</u> (florists chrysanthemum) leaf.	Japan.....	20	52	1	Calif., Hawaii, N. Y., Wash.
<u>Chrysanthemum</u> sp. (leaf)	*China(?), Japan .	28	35	.....	Calif., Hawaii.
<u>Puccinia kusanoi</u> Diet.:					
<u>Sasa</u> sp. (?)(dwarf bamboo)	Japan.....	.....	.....	1	Wash.
** <u>Puccinia leontidicola</u> P. Henn.:					
<u>Leonotis nepetaefolia</u> (leaf)	Mexico	1	.....	.....	Tex.
** <u>Puccinia lobata</u> Berk. & Curt.:					
<u>Althaea rosea</u> (hollyhock) leaf.....	...do.....	1	.....	.....	Tex.
* <u>Puccinia magnusiana</u> Koern.:					
<u>Phragmites</u> sp. (reed) leaf.....	Japan.....	1	.....	.....	Wash.
* <u>Puccinia oncidii</u> Cumm.:					
<u>Stelis</u> sp. (leaf).....	Peru	2	.....	.....	Hawaii.
<u>Puccinia ornithogali-thyrsoideis</u> Diet.:					
<u>Ornithogalum thyrsoideis</u> (Cape chinkerichiee) flower.	Republic of South Africa.	3	.....	.....	Ill., Mass., N. Y.
<u>Puccinia poae-nemoralis</u> Otth:					
<u>Alopecurus</u> sp. (foxtail grass).....	Afghanistan .....	.....	.....	1	D. C.
<u>Puccinia psidii</u> Wint.:					
<u>Pimenta dioica</u> (allspice pimenta) leaf.....	Jamaica	2	.....	1	Fla.
* <u>Puccinia pulverulenta</u> Grev.:					
<u>Gayophytum racemosum</u> (leaf).....	Peru	1	.....	.....	N. Y.
<u>Puccinia scirpi</u> DC.:					
<u>Scirpus</u> sp. (bulrush) stem.....	Portugal, *Spain ..	2	.....	.....	Hawaii, N. Y.
** <u>Puccinia scleriicola</u> Arth.:					
<u>Scleria microcarpa</u> (leaf).....	Rhodesia.....	1	.....	.....	N. Y.
** <u>Puccinia sessilis</u> Schroet.:					
<u>Convallaria majalis</u> (lily-of-the-valley)...	Germany.....	1	.....	.....	N. Y.
<u>Hosta</u> sp. (leaf).....	Japan.....	.....	1	.....	Hawaii.
* <u>Puccinia thaliae</u> Diet.:					
<u>Canna</u> sp. (leaf)	Dominica .....	.....	.....	1	P. R.
<u>Puccinia urbaniana</u> P. Henn.:					
<u>Stachytarpheta jamaicensis</u> (Jamaica falsevalerian).	Dominican Republic.	5	.....	.....	Fla., N. Y., P. R.
** <u>Pucciniastrum potentillae</u> Körn.:					
<u>Potentilla</u> sp. (cinquefoil) leaf.....	Azores .....	.....	.....	1	Mass.
* <u>Pucciniastrum vaccinii</u> (Wint.) Jørst.:					
<u>Vaccinium intermedium</u> (cutting)	Scotland .....	.....	.....	1	Wash.
<u>V. vitis-idaea</u> (cowberry).....	Norway.....	.....	.....	1	N. Y.
<u>Pyrenochaeta oryzae</u> I. Miyake:					
<u>Oryza sativa</u> (rice) straw.....	India, *Korea, *Saudi Arabia.	4	1	.....	Calif., Hawaii.
<u>Radopholus similis</u> (Cobb, 1893) Thorne, 1949:					
<u>Anthurium andraeanum</u> (flamingo anthurium).	Hawaii.....	.....	.....	3	Hawaii.
<u>Anthurium</u> sp.	...do.....	.....	.....	1	Hawaii.
** <u>Ramularia menthicola</u> Sacc.:					
<u>Mentha</u> sp. (mint).....	Chile.....	1	.....	.....	Fla.
** <u>Rhabdospora ulmi</u> Berl. & Roum.:					
<u>Ulmus wallichii</u> (Himalayan elm) twig.....	India			1	Calif.

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** <u>Rhabdospora vermicularioides</u> Syd.: <u>Genista</u> sp. (woadwaxen) stem.....	England.....			1	Calif.
* <u>Rotylenchus uniformis</u> (Thorne, 1949) Loof & Oostenbrink, 1958: Soil with engineering equipment	Belgium	1	.....	.....	Md.
<u>Scirrhia lophodermioides</u> Ell. & Ev.: <u>Saccharum officinarum</u> (sugarcane) leaf...	Mexico	1	.....	.....	Tex.
<u>Scirrhia rimosa</u> (Alb. & Schw.) Fckl.: <u>Phragmites</u> sp. (reed) stem.....	Germany.....	1	.....	.....	Ala.
<u>Scutellonema brachyurum</u> (Steiner, 1938) Andrassy, 1958: Soil with <u>Amaryllis</u> sp. (bulb).....	Mexico .....	.....	.....	1	Ariz.
** <u>Septomyxa tulasnei</u> (Sacc.) Hoehn.: <u>Acer davidii</u> (David maple) seed	England.....	.....	.....	1	N. J.
** <u>Septoria aceris</u> (Lib.) Berk. & Br.: <u>Acer</u> sp. (maple) leaf	France, Ireland ..	.....	1	1	N. Y., P. R.
<u>Septoria curvula</u> I. Miyake: <u>Oryza sativa</u> (rice) hull.....	Japan.....	.....	3	.....	Calif.
* <u>Septoria fructigena</u> Berk. & Curt.: <u>Passiflora quadrangularis</u> (giant granadilla) fruit.	Dominican Republic.	1	.....	.....	P. R.
<u>Septoria hepaticae</u> Desm.: <u>Hepatica</u> sp. (leaf).....	Norway.....	.....	.....	1	N. Y.
<u>Septoria limonum</u> Pass.: <u>Citrus limon</u> (lemon).....	Spain.....	.....	1	.....	N. Y.
<u>Septoria miyakei</u> Sacc. & Trav.: <u>Oryza sativa</u> (rice) hull.....	Japan.....	.....	8	.....	Calif.
<u>Septoria oryzae</u> Catt.: <u>Oryza sativa</u> (rice) hull and straw	India, *Korea, Japan.	4	55	.....	Calif.
<u>Septoria selenophomoides</u> Cash & Watson: <u>Epidendrum</u> sp. (orchid) leaf.....	Guatemala, Mexico.	.....	.....	2	Fla., Tex.
Orchid (leaf)	Guatemala, Mexico.	.....	.....	5	Ariz., Calif., Tex.
** <u>Sorosporium afrum</u> Syd.: <u>Panicum laevifolium</u>	Republic of South Africa.	.....	.....	1	D. C.
<u>Sphaceloma fawcettii</u> Bitanc. & Jenkins var. <u>scabiosa</u> (McAlp. & Tryon) Jenkins: <u>Citrus limon</u> (lemon).....	Australia .....	.....	4	.....	Hawaii, La., Pa.
<u>Sphaceloma punicae</u> Bitanc. & Jenkins: <u>Punica granatum</u> (pomegranate)	*Argentina, Mexico.	10	.....	.....	Ariz., Fla., N. Y., Tex.
** <u>Sphaelotheca digitariae</u> (Kze.) Clinton: <u>Digitaria</u> sp. (grass) packing.....	Iran.....	1	.....	.....	D. C.
<u>Sphenospora saphena</u> Cumm.: <u>Oncidium nanum</u> (orchid)	Peru .....	.....	.....	1	Fla.
** <u>Synchytrium aecidioides</u> (Pk.) Lagerh.: <u>Desmodium conzattii</u> (tickclover).....	Mexico .....	.....	.....	1	Ariz.
<u>Thecaphora solani</u> Barrus: <u>Solanum stoloniferum</u> (tuber).....	...do.....	3	.....	1	Calif., Tex.
<u>Solanum</u> sp. (tuber).....	...do.....	2	.....	.....	Tex.
<u>Thecopsora areolata</u> (Fr.) P. Magn.: <u>Picea abies</u> (Norway spruce) cone	Austria.....	.....	.....	1	N. J.
* <u>Tylenchorhynchus brevidens</u> Allen, 1955: Soil with <u>Olea</u> sp.	Jordan.....	.....	.....	1	Tex.
<u>Tylenchorhynchus crassicaudatus</u> Williams, 1960: <u>Bambusa</u> sp. (bamboo) root.....	Japan.....	.....	.....	1	Hawaii.
<u>Jasminum</u> sp. (jasmine) root.....	Philippines.....	.....	.....	1	Hawaii.

*First from country. **First interception.

PLANT QUARANTINE DIVISION

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Tylenchorhynchus dubius</u> (Bütschli, 1873) Filipjev, 1936: Soil with engineering equipment	Belgium	1	.....	.....	Md.
<u>Uredo epidendri</u> P. Henn.: <u>Epidendrum</u> sp. (orchid).....	Mexico .....	.....	.....	1	Tex.
<u>Uredo gynandrearum</u> Cda.: <u>Mormodes buccinator</u> (orchid) leaf.....	Costa Rica .....	.....	.....	1	Calif.
<u>Uredo ignava</u> Arth.: <u>Bambusa</u> sp. (bamboo) leaf	Formosa, *India..	2	.....	.....	Calif.
** <u>Uredo lynchii</u> (Berk.) Plowr.: <u>Chondrorhyncha</u> sp. (orchid).....	Guatemala .....	.....	.....	1	Fla.
<u>Uredo nidularii</u> P. Henn.: <u>Bromeliad</u>	*Jamaica .....	.....	.....	1	Fla.
<u>Tillandsia deppeana</u>	Mexico .....	.....	.....	1	Tex.
<u>T. foliosa</u>	...do.....	.....	.....	1	Tex.
<u>Uredo oncidii</u> P. Henn.: <u>Oncidium bicallosum</u> (orchid) leaf	Guatemala .....	.....	.....	1	Fla.
<u>O. cebolleta</u>	...do.....	.....	.....	2	Fla.
<u>O. kramerianum</u>	Costa Rica .....	.....	.....	2	Calif.
<u>O. luridum</u>	El Salvador .....	.....	.....	1	Fla.
<u>O. microchilum</u>	Nicaragua.....	.....	.....	1	Fla.
<u>O. splendidum</u>	El Salvador .....	.....	.....	1	Fla.
<u>Oncidium</u> sp.....	British Honduras, *Colombia, Gua- malá, Jamaica.	.....	.....	4	Fla., Hawaii.
* <u>Uredo tillandsiae</u> Cumm.: <u>Bromeliad</u> (leaf).....	Guatemala .....	.....	.....	1	Fla.
<u>Tillandsia</u> sp.	Guatemala, Panama	.....	.....	2	Fla.
** <u>Urocystis oxalidis</u> Paz.: <u>Oxalis tuberosa</u> (tuber).....	Bolivia .....	.....	.....	1	Fla.
<u>Uromyces aloes</u> (Cke.) P. Magn.: <u>Aloe</u> spp. (leaf).....	Republic of South Africa.	.....	.....	4	Hawaii, N. Y.
<u>Uromyces alyxiae</u> Arth.: <u>Alyxia olivaeformis</u> (maile alyxia) leaf....	Hawaii	9	.....	.....	Calif., Hawaii.
* <u>Uromyces commelinae</u> Cke.: <u>Zebrina pendula</u> (wanderingjew zebrina)...	Panama.....	.....	.....	2	Fla.
<u>Uromyces genistae-tinctoriae</u> (Pers.) Wint.: <u>Genista sagittalis</u> (leaf).....	Netherlands .....	.....	.....	1	N. J.
** <u>Uromyces muscari</u> (Duby) Lév.: <u>Hyacinthus</u> sp. (bulb).....	Bulgaria.....	.....	.....	1	N. J.
<u>Uromyces viciae-fabae</u> (Pers.) Schroet.: <u>Lens culinaris</u> (lentil) leaf, stem, and seed	*Brazil, Chile, *Colombia, Ecua- dor, *Peru.	4	3	.....	Ala., Fla., La.
<u>Vicia faba</u> (broadbean).....	Mexico	1	.....	.....	Tex.
** <u>Uromycladium alpinum</u> McAlp.: <u>Acacia discolor</u> (sunshine-wattle acacia) ..	Australia .....	.....	.....	1	Calif.
** <u>Uromycladium notabile</u> McAlp.: <u>Acacia linifolia</u> (flaxleaf acacia).....	...do.....	.....	.....	1	Calif.
<u>Ustilagoidea vires</u> (Cke.) Tak.: <u>Oryza sativa</u> (rice) kernel	Japan.....	1	.....	.....	Wash.
<u>O. sativa</u> cv. Lua som	*Viet-Nam .....	.....	.....	1	D. C.
* <u>Valsa translucens</u> Ces. & de N.: <u>Salix</u> sp. (willow) withes.....	France	1	.....	.....	Mass.

*First from country. **First interception.

PLANT QUARANTINE DIVISION

PEST AND HOST	COUNTRY OF ORIGIN	NUMBER INTERCEPTIONS IN			COLLECTED IN--
		CONSUMPTION	NONENTRY	PROPAGATION	
<u>Xanthomonas citri</u> (Hasse) Dowson:					
<u>Citrus aurantifolia</u> (lime).....	Afghanistan, India, Indonesia, Japan, Philippines, Thailand, unknown, Viet-Nam.	20	105	.....	Calif., Hawaii, Mass., Md., N. Y., Oreg., Pa.
<u>C. aurantium</u> (sour orange).....	Japan.....	.....	21	.....	Calif., Fla., Hawaii, Tex., Wash.
<u>C. grandis</u> (pummelo).....	Formosa, Malaysia, Thailand.	1	2	.....	Calif., Hawaii, Pa.
<u>C. ichangensis</u> (ichang bitter-orange).....	*Laos	1	.....	.....	Hawaii.
<u>C. limon</u> (lemon)	Formosa, India, Japan, Philippines, unknown.	2	18	.....	Calif., Hawaii, N. Y., Oreg., Wash.
<u>C. paradisi</u> (grapefruit)	India, Japan, *Okinawa, *Pitcairn Island(?)	1	11	.....	Ala., Calif., Hawaii, Oreg., Pa.
<u>C. paradisi</u> X <u>C. reticulata</u> (tangelo).....	Japan.....	.....	12	.....	Hawaii, N. Y.
<u>C. reticulata</u> (Mandarin orange) dried peel and fruit.	China, Formosa, Hong Kong, Japan, Pakistan(?), Thailand, unknown.	19	5	.....	Ariz., Calif., Fla., Hawaii, Ill., Mass., Md., Mich., N. Y., Oreg., Tex.
<u>C. sinensis</u> (sweet orange).....	China, Formosa, Hong Kong, India, Japan, unknown, Viet-Nam.	19	89	.....	Ala., Calif., Hawaii, La., Md., N. C., N. Y., Pa., Oreg., Tex., Wash.
<u>Citrus</u> hybrid.....	Japan.....	.....	4	.....	N. Y., Ohio.
<u>Citrus</u> sp. (dried peel, leaf, and fruit)....	China, Formosa, Japan, *Macao, Thailand.	5	4	.....	Hawaii, Md., N. Y., S. C., Wash.
<u>Xanthomonas hederae</u> (Arn.) Dows.:					
<u>Hedera helix</u> (English ivy) leaf	Unknown .....	.....	1	.....	Ill.
<u>Xanthomonas</u> sp. (Cancrosis B):					
<u>Citrus aurantium</u> (sour orange).....	Argentina .....	.....	1	.....	Ga.
<u>C. limon</u> (lemon)	Argentina, Brazil.	.....	10	.....	Fla., N. Y., Pa.

*First from country.

Hosts and Diseases

ABIES: ** <u>Calcarisporium arbuscula</u> (Deuteromycetes)	CALANTHE: <u>Coleosporium bletiae</u> (Promycetes)
ACACIA: ** <u>Uromycladium alpinum</u> (Promycetes) ** <u>U. notabile</u> (Promycetes)	CALLICARPA: <u>Meloidogyne hapla</u> (Nematoda)
ACER: ** <u>Cryptostroma corticale</u> (Deuteromycetes) ** <u>Prosthecium innesii</u> (Ascomycetes) ** <u>Septomyxa tulasnei</u> (Deuteromycetes) ** <u>Septoria aceris</u> (Deuteromycetes)	CAMPANULA: <u>Meloidogyne hapla</u> (Nematoda)
ACONITUM: <u>Meloidogyne hapla</u> (Nematoda)	CANNA: * <u>Puccinia thaliae</u> (Promycetes)
AGAPANTHUS: <u>Meloidogyne javanica javanica</u> (Nematoda)	CARTHAMUS: <u>Puccinia carthami</u> (Promycetes)
AGAVE: <u>Leptosphaeria obtusispora</u> (Ascomycetes)	CASIMIROA: ** <u>Melanospora destruens</u> (Ascomycetes)
ALLIUM: <u>Mycosphaerella schoenoprasii</u> (Ascomycetes)	CATASETUM: ** <u>Physalospora wildemanniana</u> (Ascomycetes)
ALOCASIA: <u>Meloidogyne arenaria</u> (Nematoda)	CATTLEYA: <u>Cercospora angraeci</u> (Deuteromycetes) <u>Mycosphaerella cattleyae</u> (Ascomycetes)
ALOE: <u>Meloidogyne javanica javanica</u> (Nematoda) <u>Uromyces aloes</u> (Promycetes)	CENTAUREA: ** <u>Puccinia cyani</u> (Promycetes)
ALOPECURUS: <u>Puccinia poae-nemoralis</u> (Promycetes)	CEPHALOTAXUS: ** <u>Phyllostictina hysterella</u> (Deuteromycetes)
ALTHAEA: ** <u>Puccinia lobata</u> (Promycetes)	CEREUS: <u>Mycosphaerella opuntiae</u> (Ascomycetes)
ALYXIA: <u>Uromyces alyxiae</u> (Promycetes)	CHAMAEDOREA: ** <u>Bagnisiopsis chamaedoreae</u> (Ascomycetes) <u>Curvularia lunata</u> (Deuteromycetes) * <u>Diaporthe arctii</u> (Ascomycetes) * <u>Mycosphaerella palmarum</u> (Ascomycetes)
ANEMONE: <u>Meloidogyne hapla</u> (Nematoda)	CHONDRORHYNCHA: ** <u>Uredo lynchii</u> (Promycetes)
ANTHURIUM: <u>Phyllachora engleri</u> (Ascomycetes) <u>Radopholus similis</u> (Nematoda)	CHRYSANTHEMUM: <u>Meloidogyne hapla</u> (Nematoda) <u>Puccinia horiana</u> (Promycetes)
APIUM: <u>Meloidogyne incognita incognita</u> (Nematoda)	CICHORIUM: <u>Pseudomonas marginalis</u> (Schizomycetes)
AQUILEGIA: <u>Meloidogyne hapla</u> (Nematoda)	CIRSIIUM: ** <u>Puccinia calcitrapae</u> (Promycetes)
ARACARIA: <u>Botryosphaeria berengeriana</u> var. <u>aracariae</u> (Ascomycetes) <u>Cryptospora longispora</u> (Ascomycetes) <u>Macrophoma aracariae</u> (Deuteromycetes)	CITRUS AURANTIFOLIA: <u>Elsinoe australis</u> (Ascomycetes) <u>Guignardia citricarpa</u> (Ascomycetes) <u>Pseudomonas syringae</u> (Schizomycetes) <u>Xanthomonas citri</u> (Schizomycetes)
ARTEMISIA: <u>Meloidogyne hapla</u> (Nematoda)	CITRUS AURANTIUM: <u>Guignardia citricarpa</u> (Ascomycetes) <u>Xanthomonas citri</u> (Schizomycetes) <u>Xanthomonas</u> sp. (Cancrosis B)(Schizomycetes)
ARUNDINA: <u>Phyllostictina pyriformis</u> (Deuteromycetes)	CITRUS GRANDIS: <u>Guignardia citricarpa</u> (Ascomycetes) <u>Xanthomonas citri</u> (Schizomycetes)
ASTILBE: <u>Meloidogyne hapla</u> (Nematoda)	CITRUS ICHANGENSIS: * <u>Xanthomonas citri</u> (Schizomycetes)
BAMBOO: ** <u>Apiospora shiraiana</u> (Ascomycetes)	CITRUS LIMON: <u>Elsinoe australis</u> (Ascomycetes) <u>Guignardia citricarpa</u> (Ascomycetes) <u>Pseudomonas syringae</u> (Schizomycetes) <u>Septoria limonum</u> (Deuteromycetes) <u>Sphaceloma fawcettii</u> var. <u>scabiosa</u> (Deuteromycetes) <u>Xanthomonas citri</u> (Schizomycetes) <u>Xanthomonas</u> sp. (Cancrosis B)(Schizomycetes)
BAMBUA: <u>Tylenchorhynchus crassicaudatus</u> (Nematoda) * <u>Uredo ignava</u> (Promycetes)	CITRUS PARADISI: <u>Elsinoe australis</u> (Ascomycetes) <u>Guignardia citricarpa</u> (Ascomycetes) * <u>Xanthomonas citri</u> (Schizomycetes)
BETA: <u>Meloidogyne incognita incognita</u> (Nematoda) <u>M. javanica javanica</u> (Nematoda)	CITRUS PARADISI X C. RETICULATA: <u>Xanthomonas citri</u> (Schizomycetes)
BETULA: <u>Melampsoridium betulinum</u> (Promycetes)	CITRUS RETICULATA: <u>Elsinoe australis</u> (Ascomycetes) <u>Guignardia citricarpa</u> (Ascomycetes) <u>Xanthomonas citri</u> (Schizomycetes)
BLETILLA: <u>Aphelenchoides ritzema-bosi</u> (Nematoda)	CITRUS RETICULATA CV.: <u>Guignardia citricarpa</u> (Ascomycetes)
BORASSUS: <u>Graphiola borassi</u> (Promycetes)	CITRUS RETICULATA X C. SINENSIS: <u>Elsinoe australis</u> (Ascomycetes) <u>Guignardia citricarpa</u> (Ascomycetes)
BOUGAINVILLEA: ** <u>Cercospora bougainvilleae</u> (Deuteromycetes)	
BROMELIAD: * <u>Uredo nidularii</u> (Promycetes) * <u>U. tillandsiae</u> (Promycetes)	
BUXUS: ** <u>Phyllosticta buxina</u> (Deuteromycetes) * <u>Puccinia buxi</u> (Promycetes)	
CACTUS: <u>Meloidogyne incognita incognita</u> (Nematoda)	
CALADIUM: <u>Meloidogyne arenaria</u> (Nematoda) <u>M. incognita acrita</u> (Nematoda)	

*First from country of origin. **First interception.

PLANT QUARANTINE DIVISION

Hosts and Diseases--Continued

- CITRUS SINENSIS:
Ascochyta citri (Deuteromycetes)
Elsinoe australis (Ascomycetes)
Guignardia citricarpa (Ascomycetes)
Pseudomonas syringae (Schizomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS HYBRID:
Elsinoe australis (Ascomycetes)
Xanthomonas citri (Schizomycetes)
- CITRUS SP.:
Guignardia citricarpa (Ascomycetes)
*Xanthomonas citri (Schizomycetes)
- CLEMATIS:
Meloidogyne hapla
- COCOS:
*Cytospora palmicola (Deuteromycetes)
Phomopsis cocoes (Deuteromycetes)
- CODIAEUM:
**Cercospora capitati (Deuteromycetes)
- COLOCASIA:
Meloidogyne incognita acrita (Nematoda)
- CONVALLARIA:
**Puccinia sessilis (Promycetes)
- CORDYLINAE:
*Phyllosticta dracaenae (Deuteromycetes)
*P. draconis (Deuteromycetes)
- CUCURBITA:
Curvularia lunata (Deuteromycetes)
- CYDONIA:
*Monilinia fructigena (Ascomycetes)
- CYMBIDIUM:
**Camposporium antennatum (Deuteromycetes)
- CYNARA:
**Ascochyta cynarae (Deuteromycetes)
- CYNODON:
*Helminthosporium cynodontis (Deuteromycetes)
*Phyllachora cynodontis (Ascomycetes)
- CYTISUS:
Coniothyrium cytisellum (Deuteromycetes)
- DAHLIA:
Coleosporium dahliae (Promycetes)
Meloidogyne incognita acrita (Nematoda)
- DAPHNE:
**Marssonina daphnes (Deuteromycetes)
- DAUCUS:
Meloidogyne javanica javanica (Nematoda)
- DENDROBIUM:
*Cercospora angraeci (Deuteromycetes)
*C. odontoglossi (Deuteromycetes)
- DESMODIUM:
**Synchytrium aecidioides (Phycomycetes)
- DIANTHUS:
Puccinia arenariae (Promycetes)
- DIGITARIA:
**Sphacelotheca digitariae (Promycetes)
- DORONICUM:
Meloidogyne hapla (Nematoda)
- EPIDENDRUM:
Cercospora angraeci (Deuteromycetes)
Mycosphaerella cattleyae (Ascomycetes)
Phyllosticta pyriformis (Deuteromycetes)
Septoria selenophomoides (Deuteromycetes)
Uredo epidendri (Promycetes)
- FAGUS:
**Cryptodiaporthe galericulata (Ascomycetes)
- FORSYTHIA:
Meloidogyne javanica javanica (Nematoda)
- GAYOPHYTUM:
*Puccinia pulverulenta (Promycetes)
- GENISTA:
*Coniothyrium genistae (Deuteromycetes)
**Rhabdospora vermicularioides (Deuteromycetes)
Uromyces genistae-tinctoriae (Promycetes)
- GERANIUM:
Meloidogyne hapla (Nematoda)
- GERBERA:
**Cercospora gerberae (Deuteromycetes)
- GEUM:
Meloidogyne hapla (Nematoda)
- GLADIOLUS:
Meloidogyne incognita incognita (Nematoda)
- GOSSYPIUM:
Phakopsora gossypii (Promycetes)
Puccinia cacabata (Promycetes)
- GRAMINEAE:
Curvularia lunata (Deuteromycetes)
- GULIELMA:
**Ceratocystis pluriannulata(?) (Ascomycetes)
- HEDERA:
Xanthomonas hederae (Schizomycetes)
- HELICONIA:
Puccinia heliconiae (Promycetes)
- HEPATICA:
Septoria hepaticae (Deuteromycetes)
- HEXISEA:
*Physalospora wildemanniana (Ascomycetes)
- HOSTA:
**Phyllostictina cruenta (Deuteromycetes)
**Puccinia sessilis (Promycetes)
- HOFFMANNIA:
Meloidogyne incognita acrita (Nematoda)
- HUNTLEYA:
Mycosphaerella cattleyae (Ascomycetes)
- HYACINTHUS:
*Uromyces muscari (Promycetes)
- ILEX:
**Phyllosticta ilicis (Deuteromycetes)
**Phyllostictina ilicicola (Deuteromycetes)
- IPOMOEA:
**Elsinoe batatas (Ascomycetes)
*Meloidogyne incognita acrita (Nematoda)
- IRIS:
Pratylenchus penetrans (Nematoda)
- JASMINUM:
Tylenchorhynchus crassicaudatus (Nematoda)
- JATROPHA:
Phakopsora jatrophiicola (Promycetes)
- JUNIPERUS:
Gymnosporangium haraeanaum (Promycetes)
- LABURNUM:
Coniothyrium cytisellum (Deuteromycetes)
- LACTUCA:
*Meloidogyne incognita acrita (Nematoda)
- LENS:
*Uromyces viciae-fabae (Promycetes)
- LEONOTIS:
**Puccinia leonotidicola (Promycetes)
- LIMONIUM:
*Cercospora insulana (Deuteromycetes)
- LYCOPERSICON:
*Ascochyta lycopersici (Deuteromycetes)
- MACROZAMIA:
**Cryptosporella macrozambiae (Ascomycetes)
- MALUS:
**Apple ring spot virus (Virus)
*Elsinoe piri (Ascomycetes)
Monilinia fructigena (Ascomycetes)
*Phoma pome (Deuteromycetes)
- MANGIFERA:
*Elsinoe mangiferae (Ascomycetes)
Phyllostictina mangiferae (Deuteromycetes)
- MANIHOT:
*Cercospora caribaea (Deuteromycetes)
- MENTHA:
**Ramularia menthicola (Deuteromycetes)
- MESEMBRYANTHEMUM:
*Camarsporium ellipticum (Deuteromycetes)
- METROSIDEROS:
*Metasphaeria hawaiiensis (Ascomycetes)
- MISCANTHUS:
**Phyllachora miscanthi (Ascomycetes)
- MORMODES:
Uredo gynandrearum (Promycetes)

*First from country of origin. **First interception.

Hosts and Diseases--Continued

- MUSA:
*Phyllostictina musarum (Deuteromycetes)
- NARCISUS:
Ditylenchus dipsaci (Nematoda)
- NASTURTIUM:
**Cercospora nasturtii (Deuteromycetes)
- NOTHOFAGUS:
*Diaporthe medusaea (Ascomycetes)
- OLEA:
Cycloconium oleaginum (Deuteromycetes)
- ONCIDIUM:
Anthostomella keissleri (Phycomycetes)
Phyllostictina pyriformis (Deuteromycetes)
Sphenospora saphena (Promycetes)
*Uredo oncidii (Promycetes)
- OPUNTIA:
Mycosphaerella opuntiae (Ascomycetes)
- ORCHID:
*Curvularia lunata (Deuteromycetes)
Mycosphaerella cattleyae (Ascomycetes)
*Phyllostictina pyriformis (Deuteromycetes)
Physalospora wildemanniana (Ascomycetes)
Septoria selenophomoides (Deuteromycetes)
- ORNITHOGALUM:
*Didymella ornithogali (Ascomycetes)
Puccinia ornithogali-thyrsoideis (Promycetes)
- ORYZA:
**Ascochyta oryzae (Deuteromycetes)
**Myxotrichum chartarum (Ascomycetes)
*Neovossia horrida (Promycetes)
**Phaeosphaeria eustoma (Ascomycetes)
**Phyllosticta oryzina (Deuteromycetes)
*Pyrenochaeta oryzae (Deuteromycetes)
Septoria curvula (Deuteromycetes)
S. miyakei (Deuteromycetes)
*S. oryzae (Deuteromycetes)
*Ustilagoidea vires (Deuteromycetes)
- OXALIS:
**Urocystis oxalidis (Promycetes)
- PACHYCEREUS:
Mycosphaerella opuntiae (Ascomycetes)
- PAEONIA:
**Aphelenchoides saprophilus (Nematoda)
- PALM:
Graphiola borassi (Promycetes)
Meloidogyne incognita acrita (Nematoda)
*Mycosphaerella palmarum (Ascomycetes)
*Phomopsis palmicola (Deuteromycetes)
- PANICUM:
**Sorosporium afrum (Promycetes)
- PASSIFLORA:
Ascochyta passiflorae (Deuteromycetes)
*Septoria fructigena (Deuteromycetes)
- PERSEA:
*Cercospora purpurea (Deuteromycetes)
- PHAIUS:
Coleosporium bletiae (Promycetes)
- PHALAENOPSIS:
Phyllostictina pyriformis (Deuteromycetes)
- PHILODENDRON:
**Ceratocystis montia (?) (Ascomycetes)
*Mycosphaerella philodendri (Ascomycetes)
- PHORADENDRON:
**Phyllosticta visci (Deuteromycetes)
- PHRAGMITES:
*Puccinia magnusiana (Promycetes)
Scirrhia rimosa (Ascomycetes)
- PICEA:
Thecopsora areolata (Promycetes)
- PIMENTA:
Puccinia psidii (Promycetes)
- PINUS:
**Ceratocystis coerulescens (?) (Ascomycetes)
**Coleosporium rhinanthracearum (Promycetes)
- PISTACIA:
**Pileolaria terebinthi (Promycetes)
- PLUMERIA:
Coleosporium plumierae (Promycetes)
**Phomopsis lirella (Deuteromycetes)
- POTENTILLA:
**Pucciniastrum potentillae (Promycetes)
- PROTEA:
Aphysa senniana (Ascomycetes)
Leptosphaeria protearum (Ascomycetes)
Mycosphaerella proteae (Ascomycetes)
- PRUNUS:
Monilinia fructigena (Ascomycetes)
- PSIDIUM:
Cercospora psidii (Deuteromycetes)
- PUNICA:
*Sphaeloma punicae (Deuteromycetes)
- PYRUS:
*Monilinia fructigena (Ascomycetes)
- QUERCUS:
**Diatrype albopruinosa (Ascomycetes)
*Discula quercina (Deuteromycetes)
- RHIPSALIS:
*Mycosphaerella opuntiae (Ascomycetes)
- RHODODENDRON:
Chrysomyxa ledi var. rhododendri (Promycetes)
- ROSA:
**Ceratocystis tetropii (?) (Ascomycetes)
- RUSCUS:
Phyllosticta ruscicola (Deuteromycetes)
- SACCHARUM:
Scirrhia lophodermioides (Ascomycetes)
- SALIX:
**Coniothyrium eurotioides (Deuteromycetes)
**Haplosporella salicicola (Deuteromycetes)
**Myxofusicoccum salicis (Deuteromycetes)
*Valsa translucens (Ascomycetes)
- SASA(?):
Puccinia kusanoi (Promycetes)
- SCIRPUS:
*Puccinia scirpi (Promycetes)
- SCLERIA:
**Puccinia scleriicola (Promycetes)
- SOBRALIA:
Mycosphaerella cattleyae (Ascomycetes)
- SOIL:
*Criconea fimbriatum (Nematoda)
Criconea xenoplax (Nematoda)
**Helicotylenchus microlobus (Nematoda)
Heterodera avenae (Nematoda)
*H. cruciferae (Nematoda)
*H. fici (Nematoda)
H. humuli (Nematoda)
H. punctata (Nematoda)
H. rostochiensis (Nematoda)
*H. trifolii (Nematoda)
*Rotylenchus uniformis (Nematoda)
Scutellonema brachyurum (Nematoda)
*Tylenchorhynchus brevidens (Nematoda)
T. dubius (Nematoda)
- SOLANUM:
*Colletotrichum atramentarium (Deuteromycetes)
*Meloidogyne incognita acrita (Nematoda)
**Phoma tuberosa (Deuteromycetes)
Thecaphora solani (Promycetes)
- SORBUS:
**Coryneum sorbi (Deuteromycetes)
*Gymnosporangium cornutum (Promycetes)
- SPARTINA:
**Leptosphaeria spartinae (Ascomycetes)
- STACHYTARPHETA:
**Cercospora stachytarphetae (Deuteromycetes)
*Puccinia urbaniana (Promycetes)

*First from country of origin. **First interception.

PLANT QUARANTINE DIVISION

Hosts and Diseases--Continued

- STANHOPEA:
Cercospora angraeci (Deuteromycetes)
Guignardia traversi (Ascomycetes)
 *Phyllosticta stanhopeae (Deuteromycetes)
Phyllostictina pyriformis (Deuteromycetes)
Physalospora camptospora (Ascomycetes)
- STELIS:
 *Puccinia oncidii (Promycetes)
- STEVIA:
 **Coleosporium steviae (Promycetes)
- TABEBUIA:
 **Prospodium plagiopous (Promycetes)
- TILLANDSIA:
Uredo nidularii (Promycetes)
 *U. tillandsiae (Promycetes)
- TRIFOLIUM:
 *Pseudopeziza trifolii (Ascomycetes)
- ULLUCUS:
Fusarium oxysporum (Deuteromycetes)
- ULMUS:
 **Rhabdospora ulmi (Deuteromycetes)
- VACCINIUM:
 **Physalospora vaccinii (Ascomycetes)
 *Pucciniastrum vaccinii (Promycetes)
- VICIA:
Uromyces viciae-fabae (Promycetes)
- VIOLA:
Meloidogyne hapla (Nematoda)
Phyllosticta violae (Deuteromycetes)
- YUCCA:
Leptosphaeria obtusispora (Ascomycetes)
- ZEBRINA:
 *Uromyces commelinae (Promycetes)
- ZINGIBER:
 *Meloidogyne arenaria (Nematoda)
M. incognita acrita (Nematoda)
 *Nectria ochroleuca (Ascomycetes)
- ZOYSIA:
Meloidogyne incognita acrita (Nematoda)

Countries of Origin and Diseases

- AFGHANISTAN:
Puccinia poae-nemoralis
Xanthomonas citri
- AFRICA (country(?)):
Guignardia citricarpa
- AMERICAN SAMOA:
 *Mycosphaerella palmae
Phyllostictina pyriformis
- ARGENTINA:
Elsinoe australis
Guignardia citricarpa
 *Sphaceloma puniceae
Xanthomonas sp. (Cancrosis B)
- AUSTRALIA:
Botryosphaeria berengeriana var. araucariae
 *Cercospora angraeci
Cryptospora longispora
 **Cryptosporella macrozamia
Guignardia citricarpa
Macrophoma araucariae
 *Phyllosticta dracaenae
 *Phyllostictina musarum
Sphaceloma fawcettii var. scabiosa
 **Uromycladium alpinum
 **U. notabile
- AUSTRIA:
Chrysomyxa ledi var. rhododendri
Thecopsora areolata
- AZORES:
Heterodera rostochiensis
 **Pucciniastrum potentillae
- BAHAMAS:
 *Curvularia lunata
 *Elsinoe mangiferae
Mycosphaerella cattleyae
- BELGIUM:
Heterodera avenae
H. punctata
H. rostochiensis
Pseudomonas marginalis
 *Rotylenchus uniformis
Tylenchorhynchus dubius
- BELGIUM(?):
 **Cryptostroma corticale
- BOLIVIA:
 **Urocystis oxalidis
- BRAZIL:
Elsinoe australis
E. mangiferae
Guignardia citricarpa
Meloidogyne incognita acrita
M. javanica javanica
 *Uromyces viciae-fabae
Xanthomonas sp. (Cancrosis B)
- BRITISH HONDURAS:
 *Elsinoe mangiferae
Uredo oncidii
- BULGARIA:
 *Monilinia fructigena
 **Uromyces muscari
- CANADA:
Chrysomyxa ledi var. rhododendri
Heterodera punctata
- CANAL ZONE:
Meloidogyne arenaria
Mycosphaerella cattleyae
 *Physalospora wildemanniana
- CAYMAN ISLANDS:
 *Elsinoe mangiferae
- CHILE:
 *Heterodera fici
Meloidogyne incognita acrita
 **Ramularia menthicola
Uromyces viciae-fabae
- CHINA:
Guignardia citricarpa
Xanthomonas citri
- CHINA(?):
 *Puccinia horiana
- COLOMBIA:
Ascochyta passiflorae
 *Cercospora insulana
 *Elsinoe mangiferae
Mycosphaerella cattleyae
 *Uredo oncidii
 *Uromyces viciae-fabae
- COSTA RICA:
Elsinoe mangiferae
Phyllachora engleri
 *Physalospora wildemanniana

*First from country. **First interception.

Countries of Origin and Diseases--Continued

- COSTA RICA--Continued
Uredo gynandrearum
U. oncidii
- DENMARK:
 **Ceratocystis tetropii(?)
Heterodera rostochiensis
- DOMINICA:
 *Puccinia thaliae
- DOMINICAN REPUBLIC:
Elsinoe mangiferae
Phakopsora jatrophiicola
Puccinia urbaniana
 *Septoria fructigena
- ECUADOR:
Uromyces viciae-fabae
- EL SALVADOR:
 *Elsinoe mangiferae
 *Phyllosticta stanhopeae
Uredo oncidii
- ENGLAND:
 *Diaporthe medusaea
 *Didymellina ornithogali
Ditylenchus dipsaci
Heterodera avenae
H. humuli
H. punctata
H. rostochiensis
 *H. trifolii
 **Leptosphaeria spartinae
Meloidogyne hapla
Monilinia fructigena
 **Phyllosticta buxina
Puccinia buxi
 **Rhabdospora vermicularioides
 **Septomyxa tulasnei
- EUROPE (country(?)):
Chrysomyxa ledi var. rhododendri
Heterodera avenae
H. punctata
H. rostochiensis
Puccinia buxi
- FIJI:
 *Nectria ochroleuca
- FINLAND:
Gymnosporangium cornutum
Melampsoridium betulinum
- FORMOSA:
 *Cercospora odontoglossi
Guignardia citricarpa
 *Phyllachora cynodontis
Uredo ignava
Xanthomonas citri
- FRANCE:
 **Ascochyta cynarae
 **Ceratocystis coerulescens(?)
Heterodera punctata
H. rostochiensis
Monilinia fructigena
 **Phyllosticta visci
Puccinia buxi
 **P. cyani
 **Septoria aceris
 *Valsa translucens
- GERMANY:
Chrysomyxa ledi var. rhododendri
 **Coleosporium rhinanthracearum
Heterodera avenae
H. humuli
H. punctata
H. rostochiensis
- Meloidogyne hapla
Monilinia fructigena
Puccinia arenariae
 **P. sessilis
Scirrhia rimosa
- GREECE:
Meloidogyne javanica javanica
- GUAM:
Cytospora palmicola
- GUATEMALA:
 *Cercospora caribaea
C. insulana
 *Criconema fimbriatum
Meloidogyne arenaria
M. incognita acrita
Mycosphaerella cattleyae
 *M. opuntiae
 *M. palmae
Physalospora camptospora
Puccinia heliconiae
Septoria selenophomoides
 **Uredo lynchii
U. oncidii
 *U. tillandsiae
- HAITI:
Elsinoe mangiferae
 *Puccinia urbaniana
- HAWAII:
Phomopsis cocoes
 **P. lirella
Radopholus similis
Uromyces alyxiae
- HONDURAS:
 *Cercospora purpurea
Elsinoe mangiferae
Mycosphaerella cattleyae
- HONG KONG:
 **Apiospora shiraiana
Guignardia citricarpa
Meloidogyne incognita acrita
Xanthomonas citri
- HUNGARY:
 *Puccinia buxi
- INDIA:
Coleosporium bletiae
Graphiola borassi
Guignardia citricarpa
Pyrenochaeta oryzae
 **Rhabdospora ulmi
Septoria oryzae
 *Uredo ignava
Xanthomonas citri
- INDONESIA:
 *Cercospora angraeci
Xanthomonas citri
- IRAN:
 **Sphacelotheca digitariae
- IRELAND:
Heterodera punctata
H. rostochiensis
 **Phyllosticta ilicis
Puccinia buxi
 **Septoria aceris
- ISRAEL:
Meloidogyne incognita incognita
Pseudomonas syringae
- ITALY:
 **Calcarisporium arbuscula
 **Coniothyrium eurotioides
Cycloconium oleaginum
 **Haplosporella salicicola

*First from country. **First interception.

PLANT QUARANTINE DIVISION

Countries of Origin and Diseases--Continued

ITALY--Continued

- Heterodera avenae
- H. punctata
- **Marssonina daphnes
- Meloidogyne incognita incognita
- M. javanica javanica
- Monilinia fructigena
- **Myxofusicoccum salicis
- Phyllosticta ruscicola
- **Phyllostictina illicicola
- **Prosthectium innesii
- Pseudomonas syringae

IVORY COAST:

- *Meloidogyne incognita acrita

JAMAICA:

- **Campopodium antennatum
- **Cercospora bougainvilleae
- *Cytospora palmicola
- Elsinoe mangiferae
- Phakopsora gossypii
- Phyllostictina pyriformis
- Puccinia psidii
- *P. urbaniana
- *Uredo nidularii
- U. oncidii

JAPAN:

- Aphelenchoides ritzema-bosi
- **A. saprophilus
- Ascochyta citri
- *A. lycopersici
- **A. oryzae
- Criconeumoides xenoplax
- Guignardia citricarpa
- Gymnosporangium haraeaeum
- Heterodera avenae
- Meloidogyne hapla
- M. incognita acrita
- M. incognita incognita
- Mycosphaerella schoenoprasii
- **Myxotrichum chartarum
- Neovossia horrida
- **Phaeosphaeria eustoma
- *Phoma pomi
- **P. tuberosa
- **Phyllosticta oryzina
- **Phyllostictina cruenta
- **P. hysterella
- Pratylenchus penetrans
- Puccinia horiana
- P. kusanoi
- *P. magnusiana
- **P. sessilis
- Septoria curvula
- S. miyakei
- S. oryzae
- Tylenchorhynchus crassicaudatus
- Ustilaginoidea virens
- Xanthomonas citri

JORDAN:

- *Tylenchorhynchus brevidens

KENYA:

- *Helminthosporium cynodontis
- Phyllachora cynodontis

KOREA:

- Guignardia citricarpa
- **Phyllachora miscanthi
- *Pyrenochaeta oryzae
- *Septoria oryzae

LAOS:

- *Xanthomonas citri

LEBANON:

- **Pileolaria terebinthi

MACAO:

- *Xanthomonas citri

MALAYSIA:

- Xanthomonas citri

MEXICO:

- Anthostomella keissleri
- **Bagnisiopsis chamaedoreae
- **Ceratocystis montia(?)

- Cercospora angraeci

- **C. capitati

- **C. nasturtii

- C. psidii

- Coleosporium dahliae

- C. plumierae

- **C. steviae

- Curvularia lunata

- *Diaporthe arctii

- **Diatrype albopruinosa

- *Discula quercina

- **Elsinoe batatas

- E. mangiferae

- Guignardia traversi

- **Helicotylenchus microlobus

- Heterodera punctata

- Leptosphaeria obtusispora

- **Melanospora destruens

- Meloidogyne arenaria

- M. incognita acrita

- Mycosphaerella cattleyae

- M. opuntiae

- Phoma pomi

- Phyllostictina mangiferae

- P. pyriformis

- Physalospora camptospora

- P. wildemanniana

- **Prospodium plagiopous

- Puccinia cacabata

- **P. calcitrapae

- P. carthami

- **P. leonotidicola

- **P. lobata

- Scirrhia lophodermioides

- Scutellonema brachyurum

- Septoria selenophomoides

- Sphaceloma punicae

- **Synchytrium aecidioides

- Thecaphora solani

- Uredo epidendri

- U. nidularii

- Uromyces viciae-fabae

MOZAMBIQUE:

- Guignardia citricarpa

NETHERLANDS:

- Coniothyrium cytisellum

- *C. genistae

- **Cryptodiaporthe galericulata

- *Heterodera cruciferae

- H. punctata

- H. rostockiensis

- Meloidogyne hapla

- Monilinia fructigena

- Uromyces genistae-tinctoriae

NEW CALEDONIA:

- *Metasphaeria hawaiiensis

*First from country. **First interception.

Countries of Origin and Diseases--Continued

NEW GUINEA:	<u>Mycosphaerella proteae</u>
* <u>Cercospora angraeci</u>	<u>Puccinia ornithogali-thyrsoideae</u>
NEW ZEALAND:	** <u>Sorosporium afrum</u>
** <u>Apple ring spot virus</u>	<u>Uromyces aloes</u>
<u>Cryptospora longispora</u>	RHODESIA:
<u>Macrophoma araucariae</u>	** <u>Puccinia scleriicola</u>
* <u>Pseudopeziza trifolii</u>	SAUDI ARABIA:
NICARAGUA:	* <u>Pyrenochaeta oryzae</u>
<u>Uredo oncidii</u>	SCOTLAND:
NORFOLK ISLAND:	** <u>Coryneum sorbi</u>
<u>Cryptospora longispora</u>	<u>Heterodera punctata</u>
<u>Macrophoma araucariae</u>	<u>H. rostochiensis</u>
NORWAY:	* <u>Pucciniastrum vaccinii</u>
<u>Heterodera punctata</u>	SOUTH AMERICA (country(?)):
** <u>Physalospora vaccinii</u>	<u>Elsinoe australis</u>
* <u>Pucciniastrum vaccinii</u>	<u>Guignardia citricarpa</u>
<u>Septoria hepaticae</u>	SPAIN:
OKINAWA:	* <u>Camarosporium ellipticum</u>
<u>Guignardia citricarpa</u>	* <u>Colletotrichum atramentarium</u>
* <u>Xanthomonas citri</u>	<u>Heterodera rostochiensis</u>
PAKISTAN(?):	<u>Monilinia fructigena</u>
<u>Xanthomonas citri</u>	* <u>Puccinia buxi</u>
PANAMA:	* <u>P. scirpi</u>
** <u>Ceratocystis pluriannulata(?)</u>	<u>Septoria limonum</u>
** <u>Cercospora stachytarphetae</u>	SURINAM:
* <u>Elsinoe mangiferae</u>	* <u>Meloidogyne incognita acrita</u>
<u>Mycosphaerella cattleyae</u>	* <u>Mycosphaerella philodendri</u>
* <u>Uredo tillandsiae</u>	* <u>Phyllostictina pyriformis</u>
* <u>Uromyces commelinae</u>	SWEDEN:
PARAGUAY:	<u>Phyllosticta violae</u>
<u>Elsinoe australis</u>	SWITZERLAND:
PERU:	<u>Chrysomyxa ledi</u> var. <u>rhododendri</u>
** <u>Cercospora gerberae</u>	TAHITI:
<u>Fusarium oxysporum</u>	* <u>Phyllostictina musarum</u>
<u>Heterodera rostochiensis</u>	TAHITI(?):
* <u>Meloidogyne incognita acrita</u>	<u>Guignardia citricarpa</u>
* <u>Puccinia oncidii</u>	THAILAND:
* <u>P. pulverulenta</u>	<u>Guignardia citricarpa</u>
<u>Sphenospora saphena</u>	* <u>Phyllosticta draconis</u>
* <u>Uromyces viciae-fabae</u>	<u>Phyllostictina pyriformis</u>
PHILIPPINES:	<u>Xanthomonas citri</u>
* <u>Elsinoe mangiferae</u>	TRINIDAD:
<u>Guignardia citricarpa</u>	* <u>Elsinoe mangiferae</u>
* <u>Meloidogyne arenaria</u>	* <u>Phomopsis palmicola</u>
<u>M. incognita acrita</u>	UNKNOWN:
* <u>Phyllostictina musarum</u>	<u>Cercospora angraeci</u>
<u>P. pyriformis</u>	<u>Elsinoe australis</u>
<u>Tylenchorhynchus crassicaudatus</u>	<u>Guignardia citricarpa</u>
<u>Xanthomonas citri</u>	<u>Heterodera rostochiensis</u>
PITCAIRN ISLAND(?):	<u>Puccinia buxi</u>
* <u>Xanthomonas citri</u>	<u>Xanthomonas citri</u>
POLAND:	<u>X. hederiae</u>
* <u>Gymnosporangium cornutum</u>	URUGUAY:
<u>Heterodera rostochiensis</u>	<u>Elsinoe australis</u>
PORTUGAL:	VENEZUELA:
* <u>Elsinoe piri</u>	* <u>Heterodera fici</u>
<u>Monilinia fructigena</u>	VIET-NAM:
<u>Puccinia scirpi</u>	** <u>Ascochyta oryzae</u>
PUERTO RICO:	<u>Guignardia citricarpa</u>
<u>Elsinoe mangiferae</u>	* <u>Neovossia horrida</u>
REPUBLIC OF SOUTH AFRICA:	* <u>Ustilaginoidea virens</u>
<u>Aphysa senniana</u>	<u>Xanthomonas citri</u>
<u>Didymellina ornithogali</u>	YUGOSLAVIA:
<u>Guignardia citricarpa</u>	<u>Chrysomyxa ledi</u> var. <u>rhododendri</u>
<u>Leptosphaeria protearum</u>	ZAMBIA:
<u>Meloidogyne incognita incognita</u>	* <u>Phyllachora cynodontis</u>
<u>M. javanica javanica</u>	

*First from country. **First interception.





